

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022125\
 Data File : VN085805.D
 Acq On : 21 Feb 2025 16:06
 Operator : JC\MD
 Sample : VN0221WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBS01

Quant Time: Feb 22 02:35:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	294095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	478037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	411262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	206616	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	199834	52.411	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.820%	
35) Dibromofluoromethane	8.159	113	170959	54.654	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.300%	
50) Toluene-d8	10.565	98	636128	55.895	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.780%	
62) 4-Bromofluorobenzene	12.847	95	208604	55.632	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 111.260%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	73782	18.444	ug/l	96
3) Chloromethane	2.359	50	72009	17.939	ug/l	99
4) Vinyl Chloride	2.512	62	77660	18.272	ug/l	98
5) Bromomethane	2.959	94	48562	17.869	ug/l	94
6) Chloroethane	3.124	64	49262	17.499	ug/l	96
7) Trichlorofluoromethane	3.501	101	110162	17.902	ug/l	100
8) Diethyl Ether	3.959	74	34684	17.420	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	69423	19.517	ug/l	99
10) Methyl Iodide	4.589	142	77646	17.709	ug/l	98
11) Tert butyl alcohol	5.512	59	44197	94.246	ug/l	99
12) 1,1-Dichloroethene	4.342	96	58186	18.041	ug/l	98
13) Acrolein	4.177	56	72880	104.799	ug/l	97
14) Allyl chloride	5.018	41	74037	17.485	ug/l	96
15) Acrylonitrile	5.718	53	146830	96.312	ug/l	98
16) Acetone	4.424	43	115813	95.995	ug/l	96
17) Carbon Disulfide	4.712	76	160010	16.740	ug/l	96
18) Methyl Acetate	5.018	43	77447	18.664	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	174291	18.186	ug/l	98
20) Methylene Chloride	5.277	84	70973	18.293	ug/l	99
21) trans-1,2-Dichloroethene	5.789	96	61564	17.728	ug/l	92
22) Diisopropyl ether	6.665	45	182175	19.040	ug/l	99
23) Vinyl Acetate	6.600	43	593718	90.627	ug/l	99
24) 1,1-Dichloroethane	6.565	63	119613	18.390	ug/l	99
25) 2-Butanone	7.477	43	172255	97.050	ug/l	100
26) 2,2-Dichloropropane	7.489	77	104471	18.063	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	72385	17.977	ug/l	98
28) Bromochloromethane	7.806	49	57032	21.334	ug/l	96
29) Tetrahydrofuran	7.836	42	115320	100.616	ug/l	98
30) Chloroform	7.959	83	126455	18.604	ug/l	100
31) Cyclohexane	8.253	56	95788	17.589	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	111086	18.374	ug/l	98
36) 1,1-Dichloropropene	8.371	75	83583	18.880	ug/l	99
37) Ethyl Acetate	7.559	43	73203	20.093	ug/l	98
38) Carbon Tetrachloride	8.359	117	99358	18.889	ug/l	94
39) Methylcyclohexane	9.600	83	75991	17.473	ug/l	94
40) Benzene	8.600	78	268507	18.924	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	38061	19.543	ug/l	98
42) 1,2-Dichloroethane	8.665	62	89694	19.407	ug/l	99
43) Isopropyl Acetate	8.683	43	116020	17.794	ug/l	97
44) Trichloroethene	9.347	130	63535	18.237	ug/l	99
45) 1,2-Dichloropropane	9.618	63	65389	19.092	ug/l	98
46) Dibromomethane	9.700	93	47627	19.715	ug/l	99
47) Bromodichloromethane	9.883	83	97942	18.949	ug/l	96
48) Methyl methacrylate	9.677	41	51627	19.081	ug/l	98
49) 1,4-Dioxane	9.688	88	22433	436.005	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	366053	104.214	ug/l	99
52) Toluene	10.624	92	166657	20.037	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	92500	19.354	ug/l	96
54) cis-1,3-Dichloropropene	10.306	75	100089	19.098	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	64245	19.427	ug/l	96
56) Ethyl methacrylate	10.871	69	80815	18.598	ug/l	97
57) 1,3-Dichloropropane	11.159	76	108637	19.679	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	156916	99.419	ug/l	99
59) 2-Hexanone	11.194	43	257303	106.481	ug/l	98
60) Dibromochloromethane	11.359	129	75526	19.614	ug/l	98
61) 1,2-Dibromoethane	11.465	107	60981	19.517	ug/l	99
64) Tetrachloroethene	11.100	164	62820	19.717	ug/l	96
65) Chlorobenzene	11.888	112	180333	19.141	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	66570	19.658	ug/l	98
67) Ethyl Benzene	11.959	91	283038	19.178	ug/l	97
68) m/p-Xylenes	12.071	106	227573	40.595	ug/l	100
69) o-Xylene	12.394	106	103973	19.518	ug/l	99
70) Styrene	12.406	104	177240	19.345	ug/l	99
71) Bromoform	12.576	173	51271	20.376	ug/l #	97
73) Isopropylbenzene	12.694	105	258663	18.273	ug/l	99
74) N-amyl acetate	12.488	43	90640	18.158	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	90037	18.484	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	114318	24.908	ug/l	55
77) Bromobenzene	12.976	156	71587	18.719	ug/l	98
78) n-propylbenzene	13.029	91	311564	19.219	ug/l	100
79) 2-Chlorotoluene	13.123	91	202439	18.690	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	228125	19.784	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	31571	20.071	ug/l	99
82) 4-Chlorotoluene	13.218	91	202212	18.832	ug/l	99
83) tert-Butylbenzene	13.435	119	178407	18.399	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	228570	20.036	ug/l	99
85) sec-Butylbenzene	13.612	105	257729	18.812	ug/l	100
86) p-Isopropyltoluene	13.723	119	209014	17.948	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	132273	18.461	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	132723	18.073	ug/l	99
89) n-Butylbenzene	14.053	91	164404	16.902	ug/l	96
90) Hexachloroethane	14.329	117	47005	18.117	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	128175	18.603	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	16055	17.950	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	52730	16.061	ug/l	98
94) Hexachlorobutadiene	15.494	225	31061	15.567	ug/l	99
95) Naphthalene	15.635	128	136619	15.157	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	52665	15.979	ug/l	99

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ClientSampleId :
VN0221WBS01

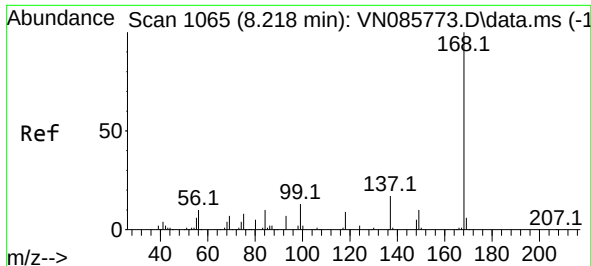
Quant Time: Feb 22 02:35:46 2025
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QLast Update : Wed Feb 19 03:43:32 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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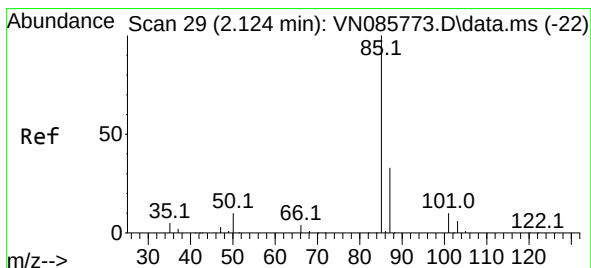
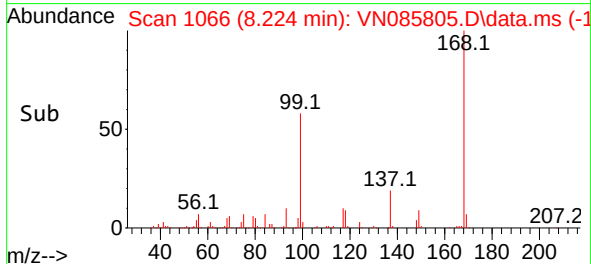
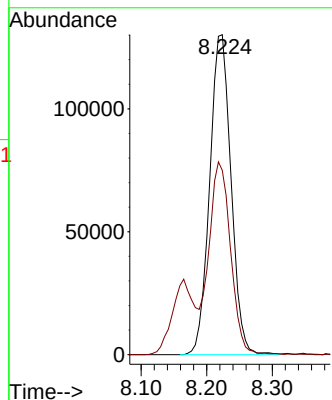
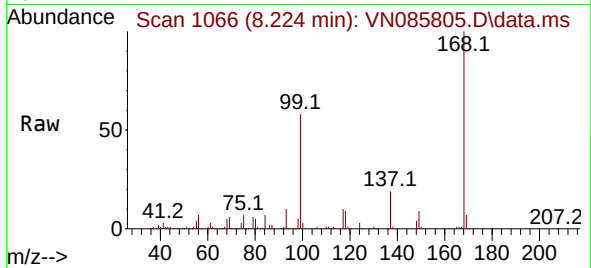




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

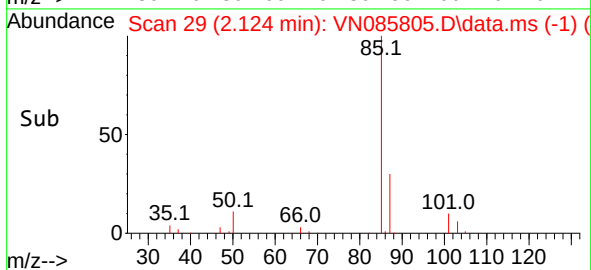
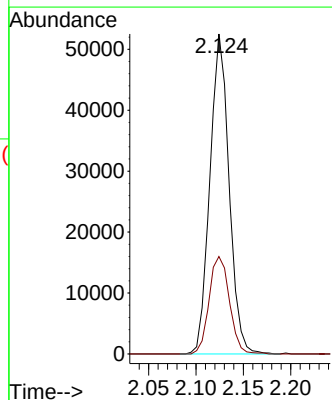
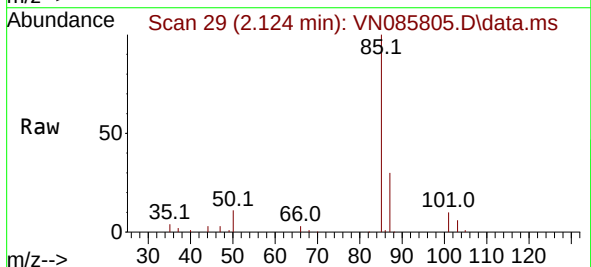
Instrument :
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ClientSampleId :
VN0221WBS01

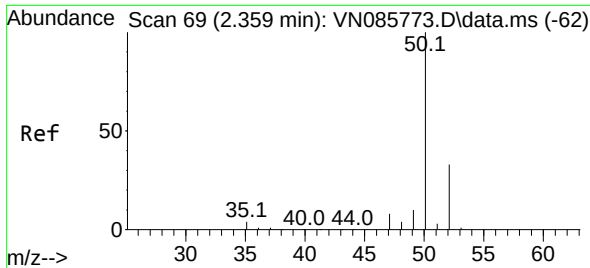
Tgt Ion:168 Resp: 294095
Ion Ratio Lower Upper
168 100
99 57.4 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 18.444 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

Tgt Ion: 85 Resp: 73782
Ion Ratio Lower Upper
85 100
87 30.4 16.4 49.2

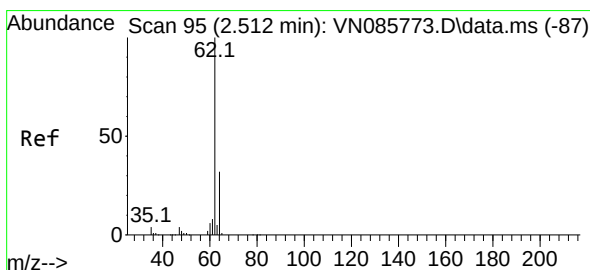
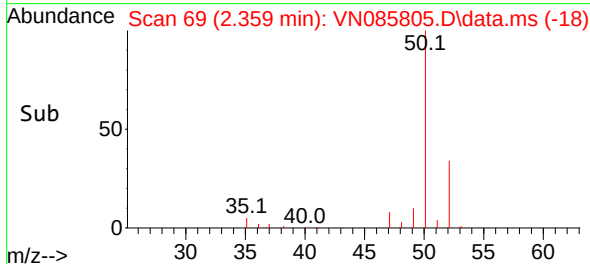
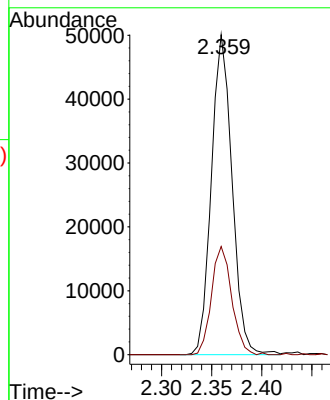
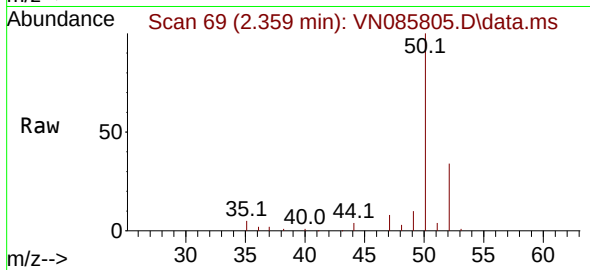




#3
Chloromethane
Concen: 17.939 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

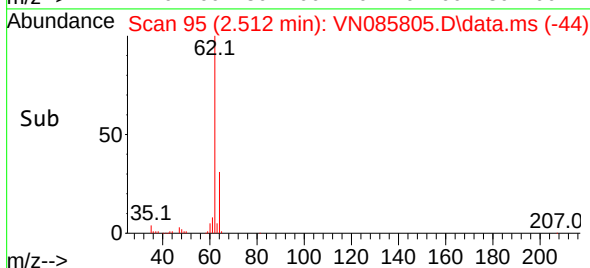
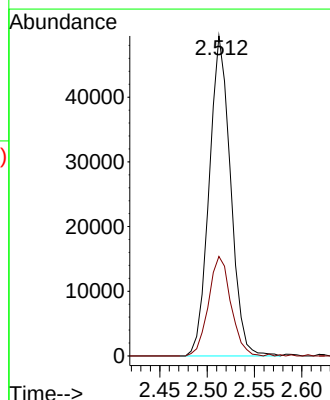
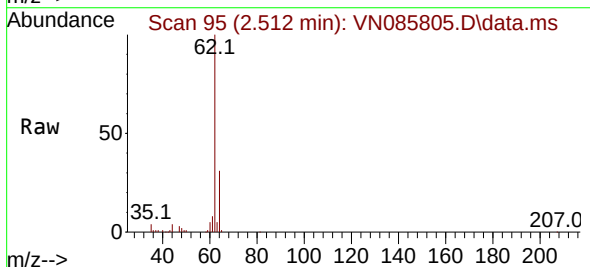
Instrument :
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ClientSampleId :
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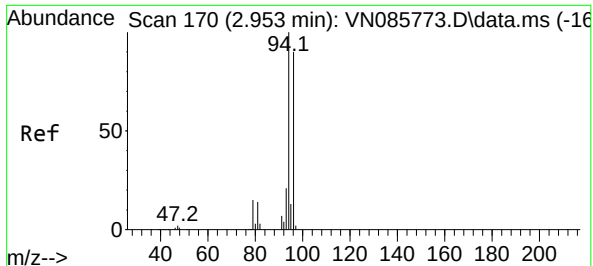
Tgt Ion: 50 Resp: 72009
Ion Ratio Lower Upper
50 100
52 33.8 26.7 40.1



#4
Vinyl Chloride
Concen: 18.272 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

Tgt Ion: 62 Resp: 77660
Ion Ratio Lower Upper
62 100
64 31.1 25.9 38.9

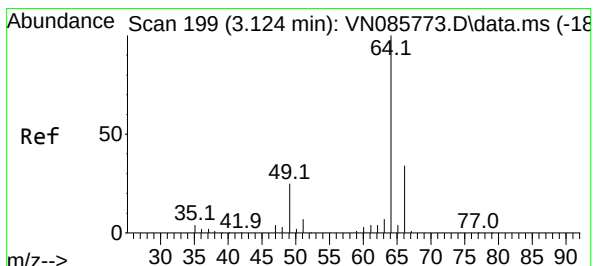
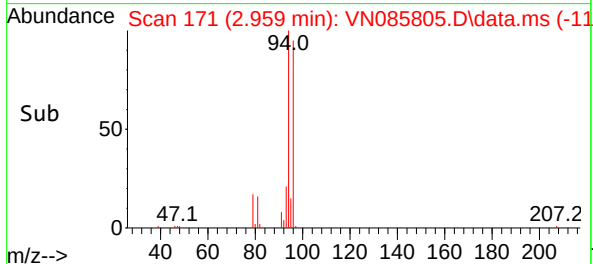
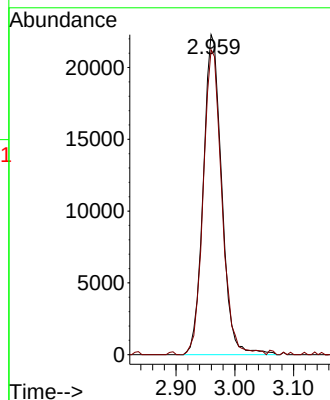
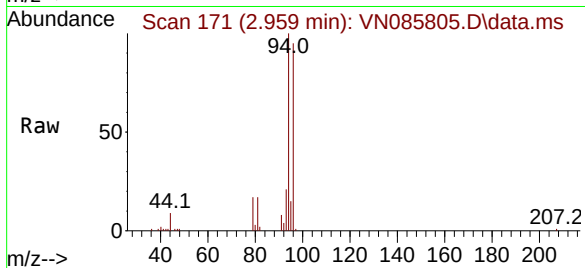




#5
Bromomethane
Concen: 17.869 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

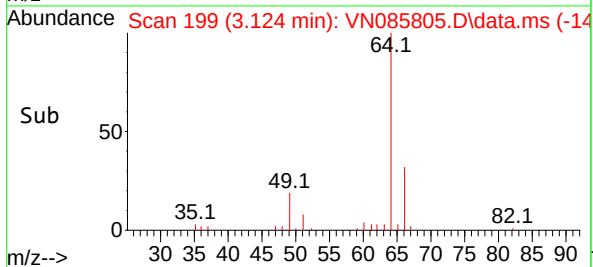
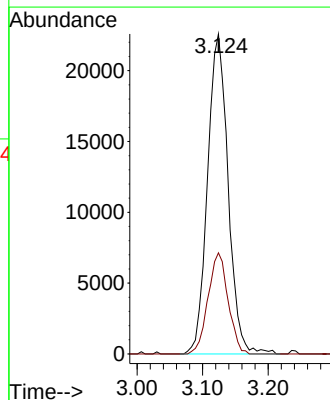
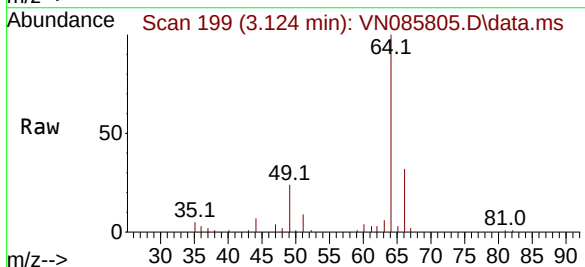
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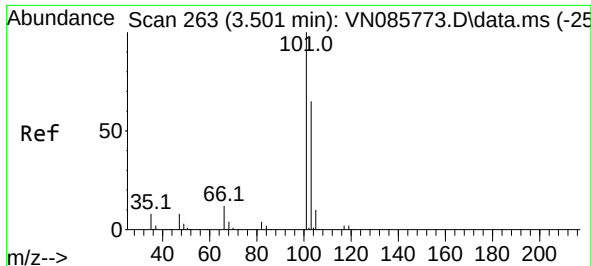
Tgt Ion: 94 Resp: 48562
Ion Ratio Lower Upper
94 100
96 95.3 71.7 107.5



#6
Chloroethane
Concen: 17.499 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

Tgt Ion: 64 Resp: 49262
Ion Ratio Lower Upper
64 100
66 31.6 27.0 40.6

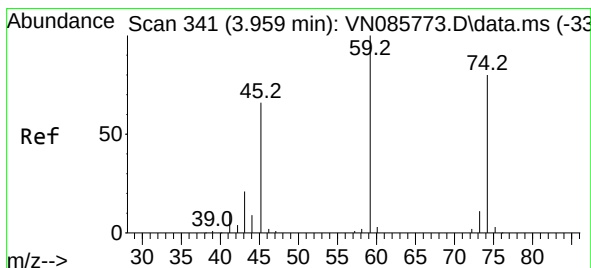
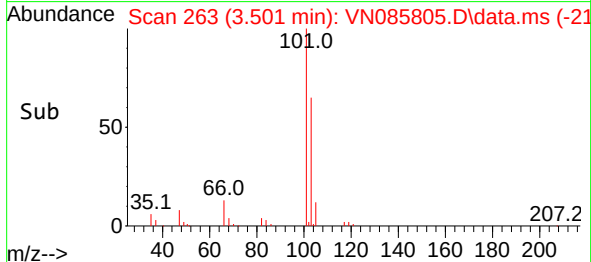
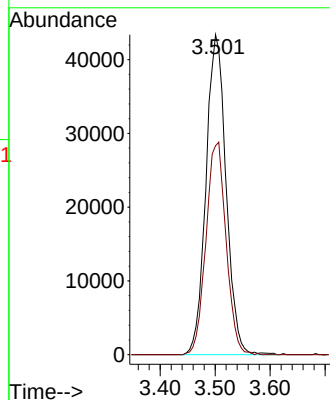
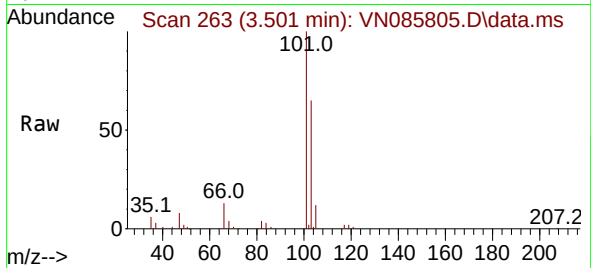




#7
 Trichlorofluoromethane
 Concen: 17.902 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085805.D
 Acq: 21 Feb 2025 16:06

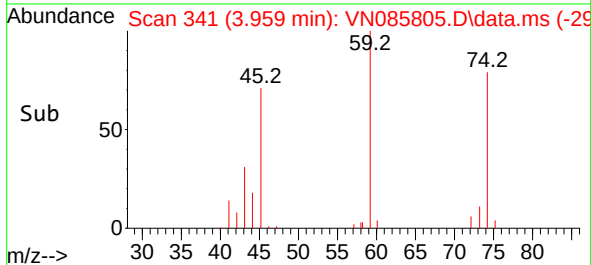
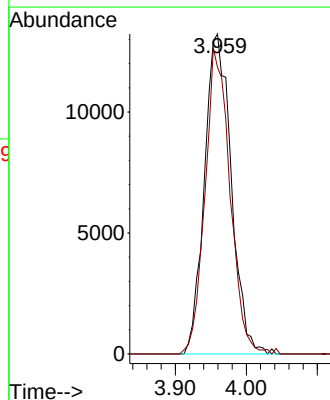
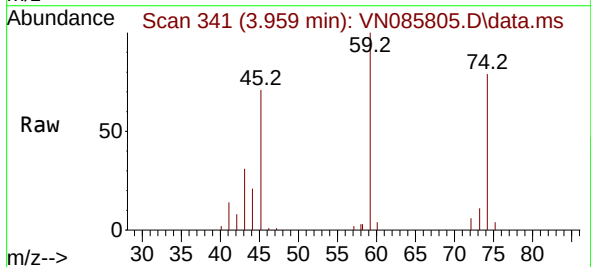
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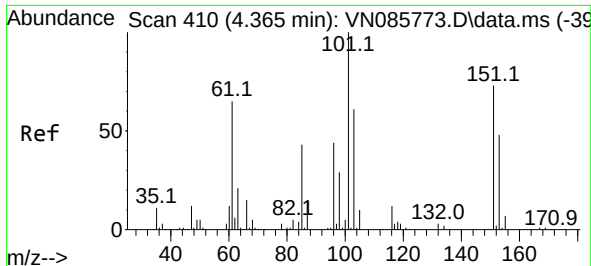
Tgt Ion:101 Resp: 110162
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.2 78.4



#8
 Diethyl Ether
 Concen: 17.420 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN085805.D
 Acq: 21 Feb 2025 16:06

Tgt Ion: 74 Resp: 34684
 Ion Ratio Lower Upper
 74 100
 45 88.9 42.5 127.6

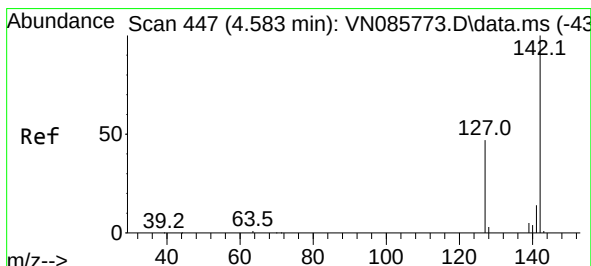
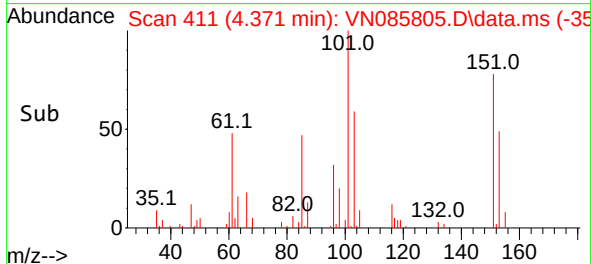
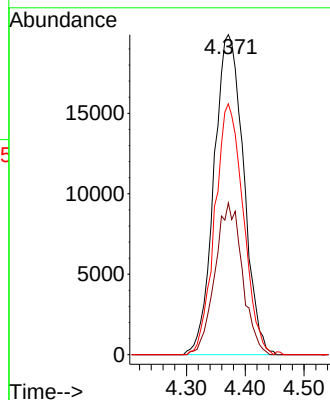
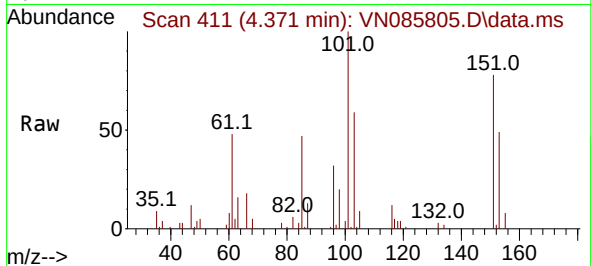




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.517 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085805.D
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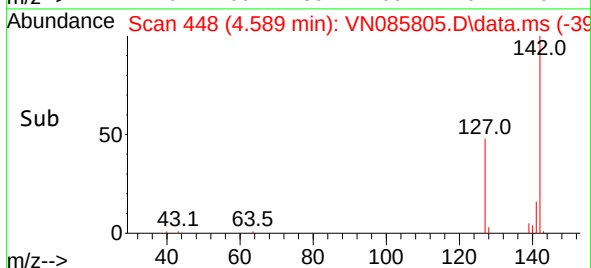
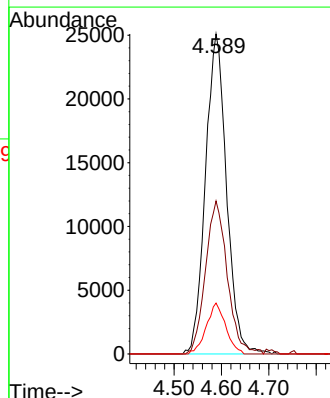
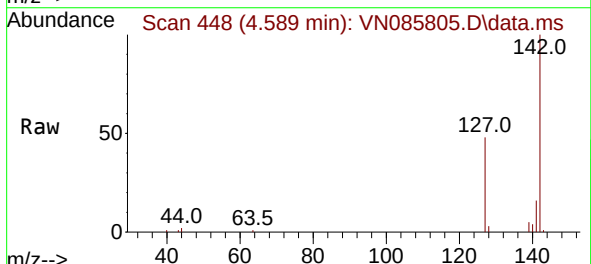
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

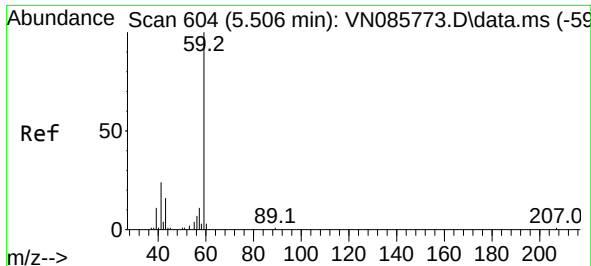
Tgt Ion:101 Resp: 69423
Ion Ratio Lower Upper
101 100
85 43.9 35.7 53.5
151 75.4 61.4 92.2



#10
Methyl Iodide
Concen: 17.709 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

Tgt Ion:142 Resp: 77646
Ion Ratio Lower Upper
142 100
127 47.8 37.6 56.4
141 15.9 11.4 17.2

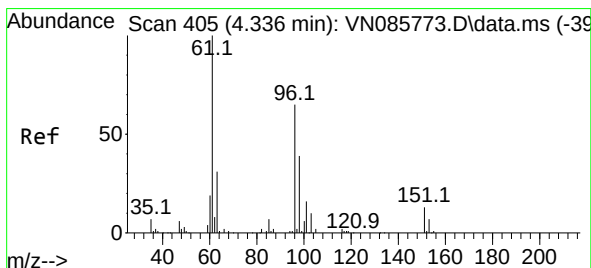
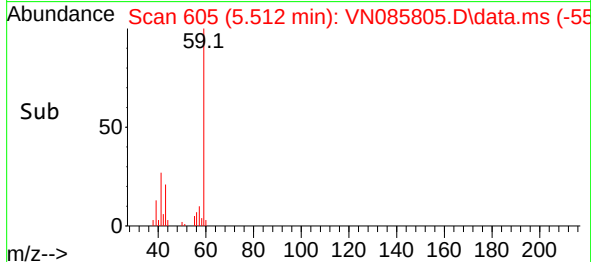
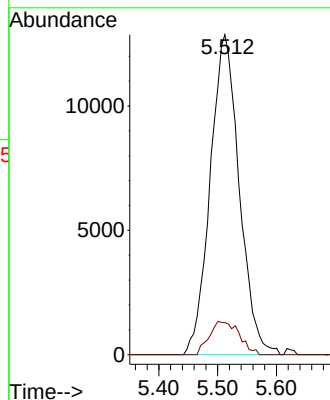
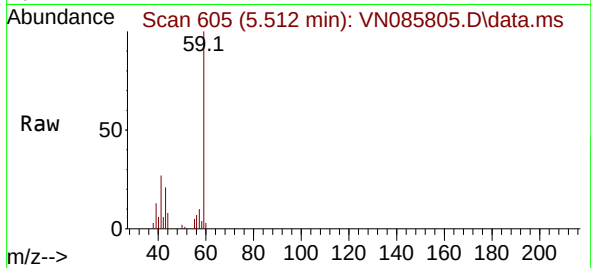




#11
Tert butyl alcohol
Concen: 94.246 ug/l
RT: 5.512 min Scan# 604
Delta R.T. 0.006 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

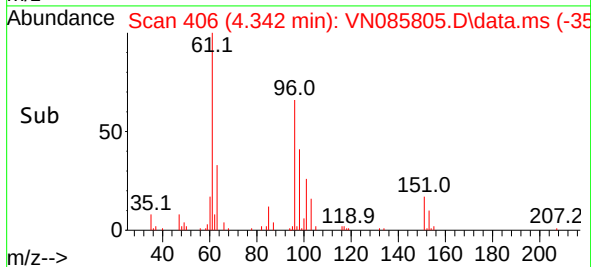
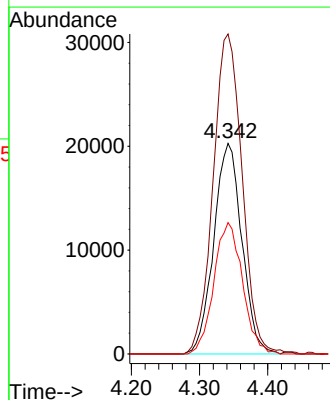
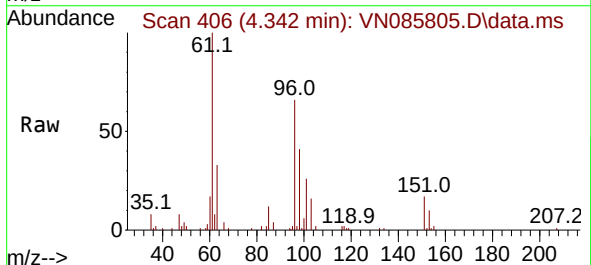
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

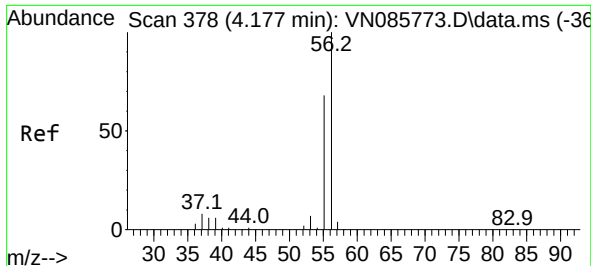
Tgt Ion: 59 Resp: 44197
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5



#12
1,1-Dichloroethene
Concen: 18.041 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

Tgt Ion: 96 Resp: 58186
Ion Ratio Lower Upper
96 100
61 152.0 123.3 184.9
98 62.4 48.6 72.8

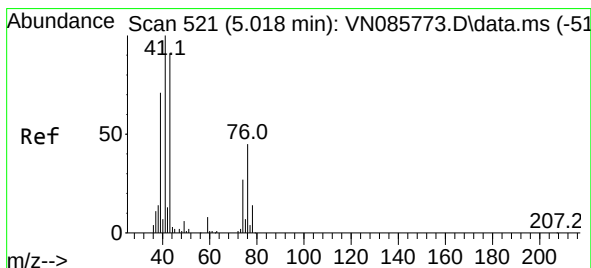
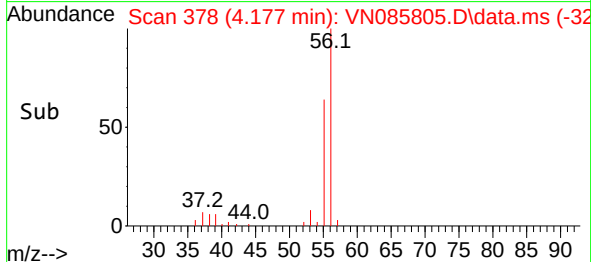
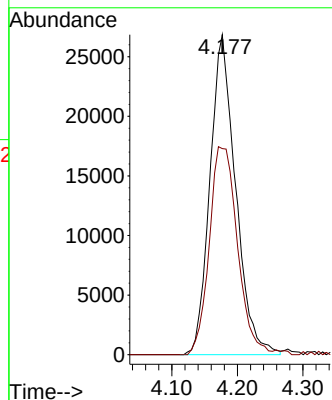
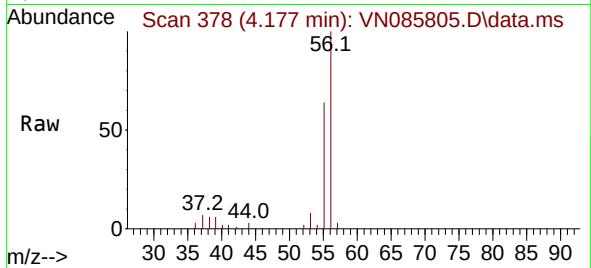




#13
Acrolein
Concen: 104.799 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

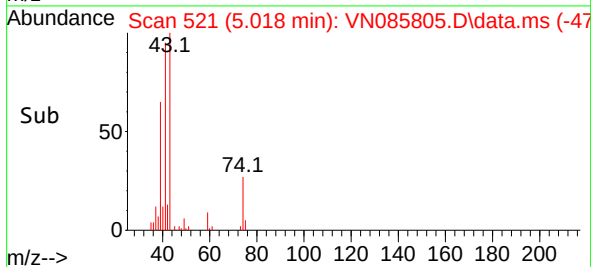
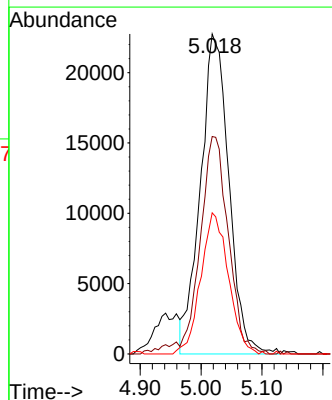
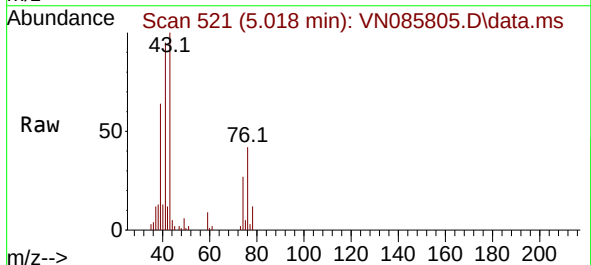
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

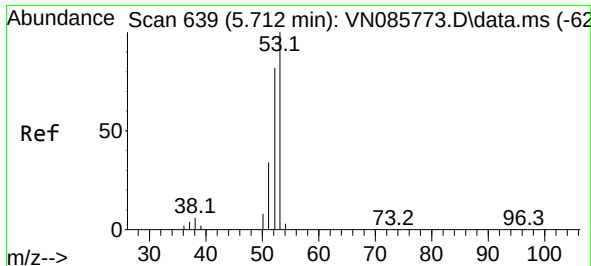
Tgt Ion: 56 Resp: 72880
Ion Ratio Lower Upper
56 100
55 71.3 55.3 82.9



#14
Allyl chloride
Concen: 17.485 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

Tgt Ion: 41 Resp: 74037
Ion Ratio Lower Upper
41 100
39 68.6 57.4 86.2
76 42.9 36.2 54.2

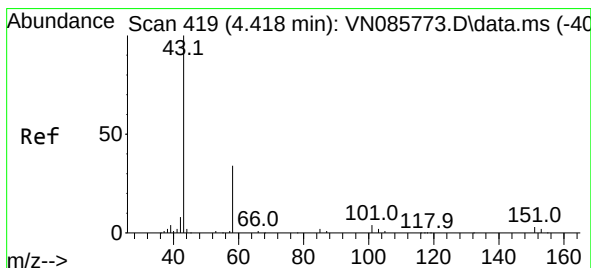
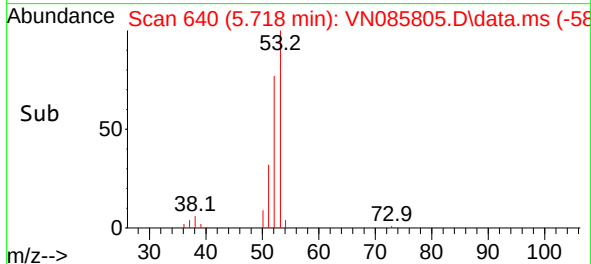
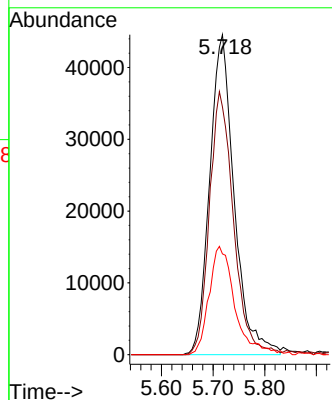
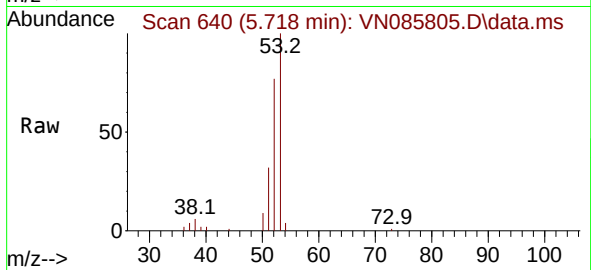




#15
Acrylonitrile
Concen: 96.312 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

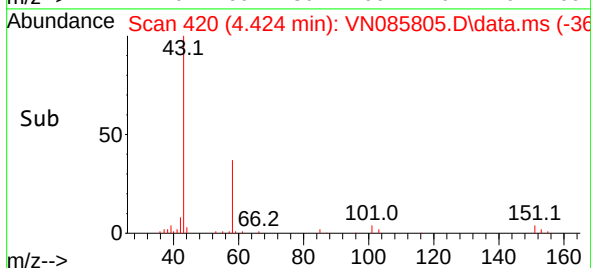
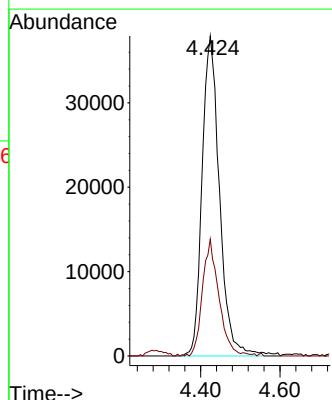
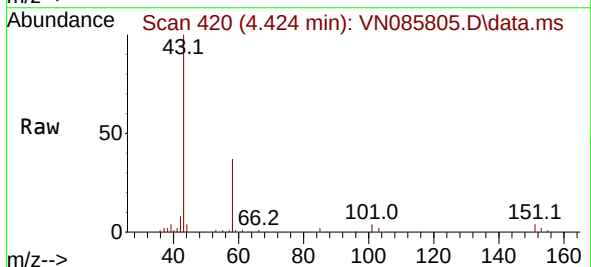
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

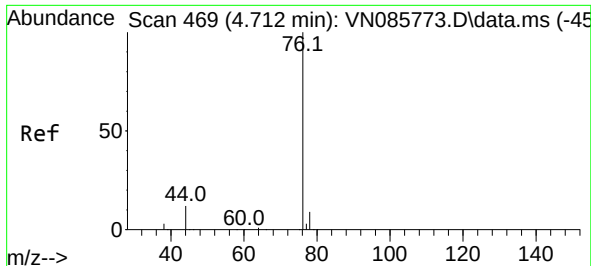
Tgt Ion: 53 Resp: 146830
Ion Ratio Lower Upper
53 100
52 80.3 65.8 98.6
51 35.7 28.6 42.8



#16
Acetone
Concen: 95.995 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

Tgt Ion: 43 Resp: 115813
Ion Ratio Lower Upper
43 100
58 36.5 27.5 41.3

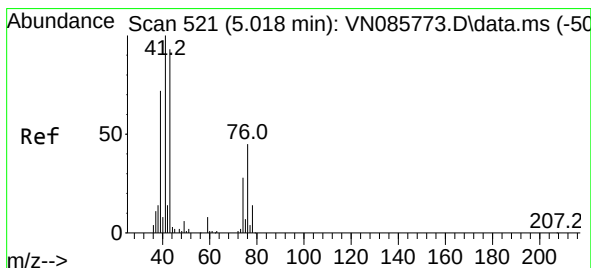
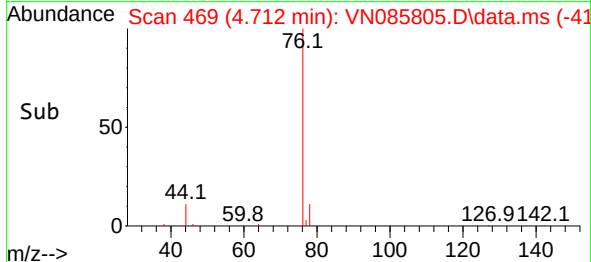
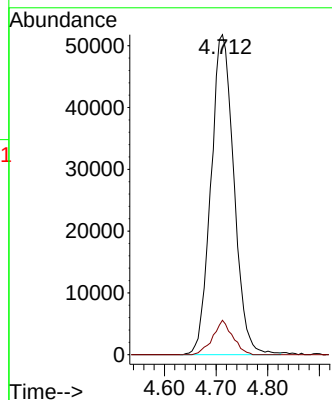
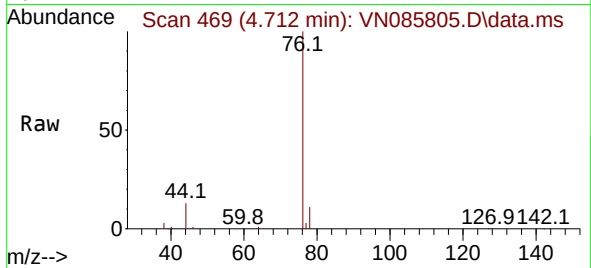




#17
Carbon Disulfide
Concen: 16.740 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

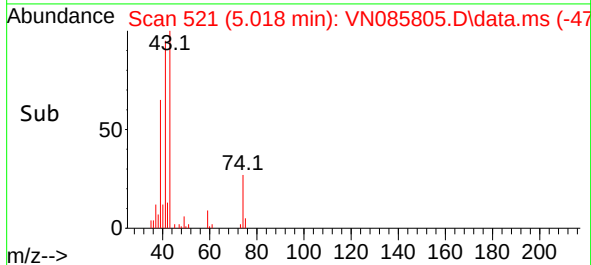
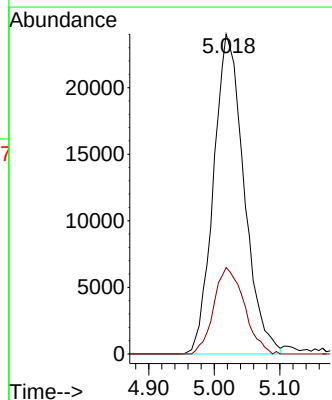
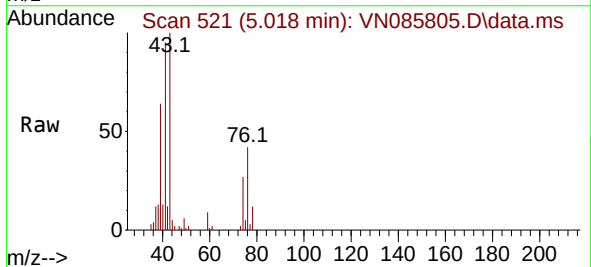
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

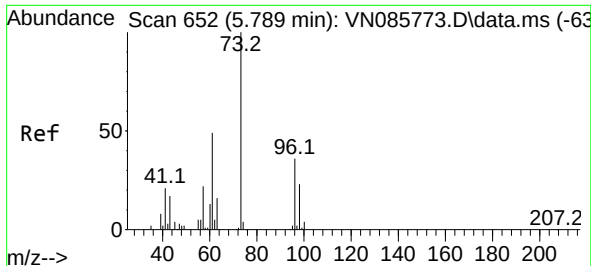
Tgt Ion: 76 Resp: 160010
Ion Ratio Lower Upper
76 100
78 10.7 7.4 11.0



#18
Methyl Acetate
Concen: 18.664 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

Tgt Ion: 43 Resp: 77447
Ion Ratio Lower Upper
43 100
74 27.0 22.2 33.4

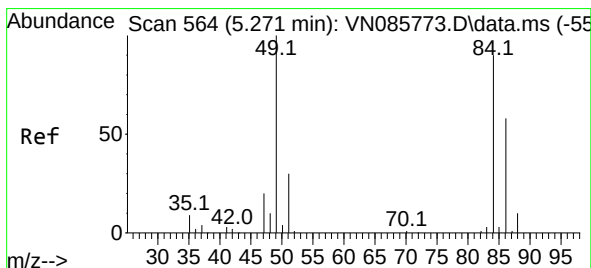
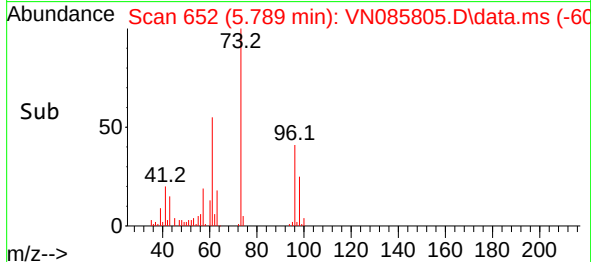
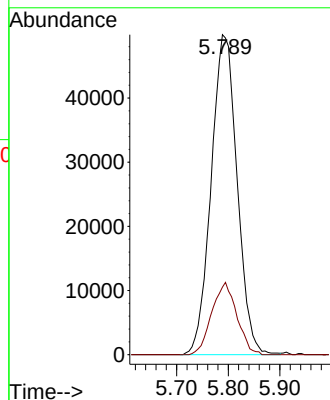
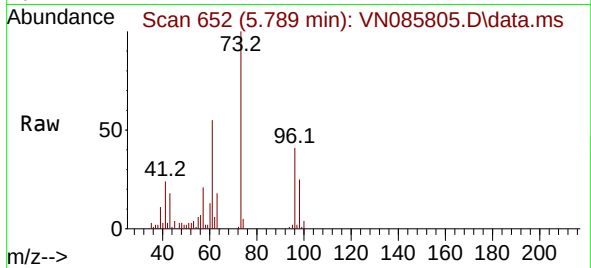




#19
Methyl tert-butyl Ether
Concen: 18.186 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

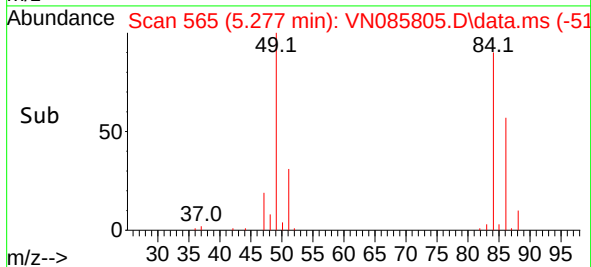
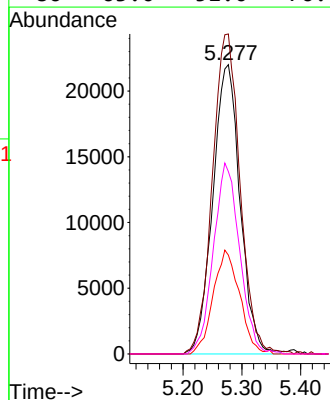
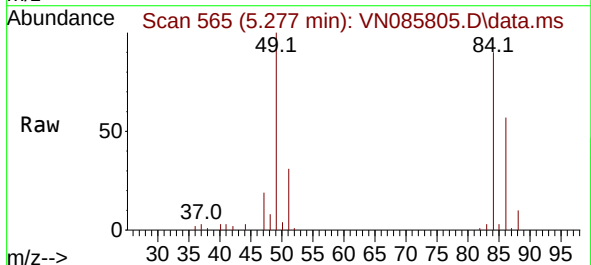
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

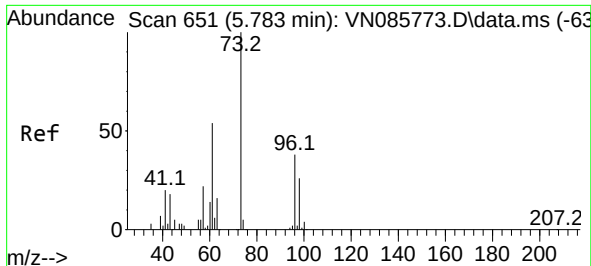
Tgt Ion: 73 Resp: 174291
Ion Ratio Lower Upper
73 100
57 21.1 17.6 26.4



#20
Methylene Chloride
Concen: 18.293 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

Tgt Ion: 84 Resp: 70973
Ion Ratio Lower Upper
84 100
49 110.6 88.4 132.6
51 34.2 26.6 40.0
86 63.0 51.0 76.6

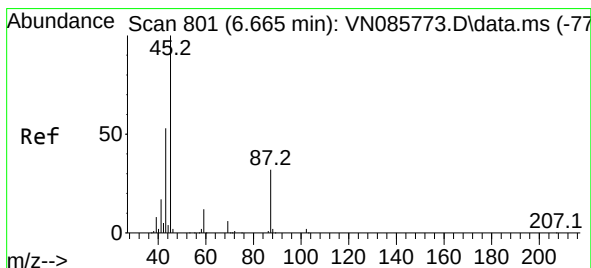
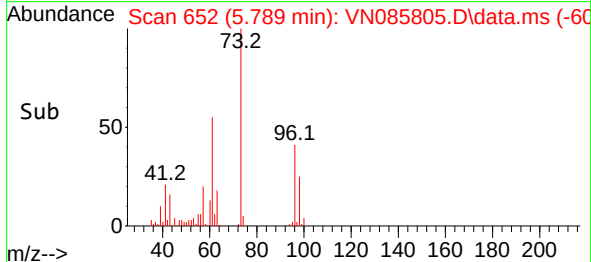
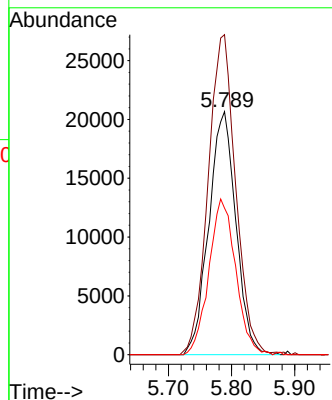
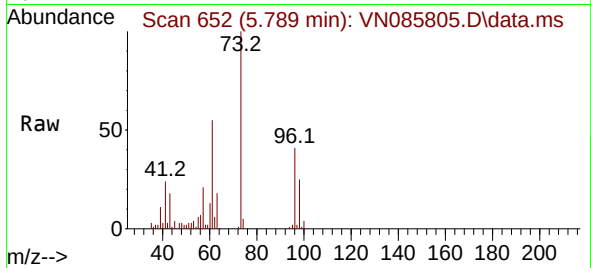




#21
trans-1,2-Dichloroethene
Concen: 17.728 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

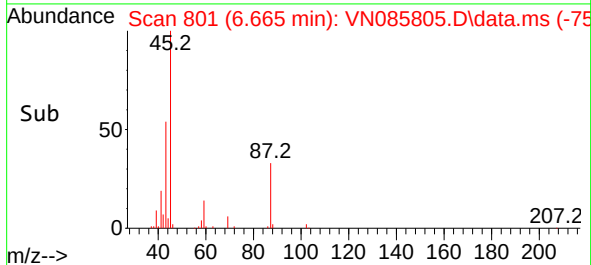
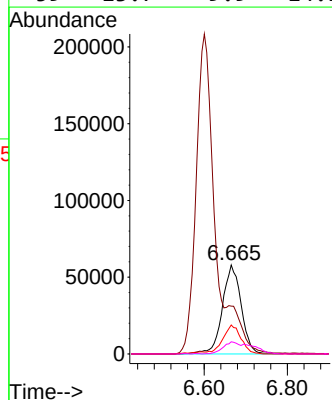
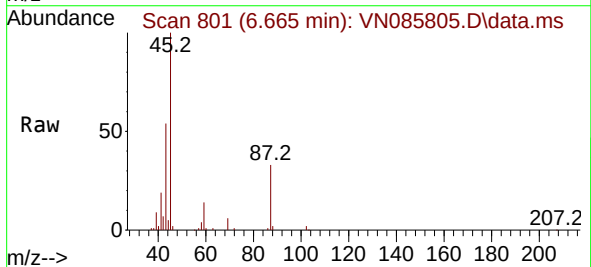
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

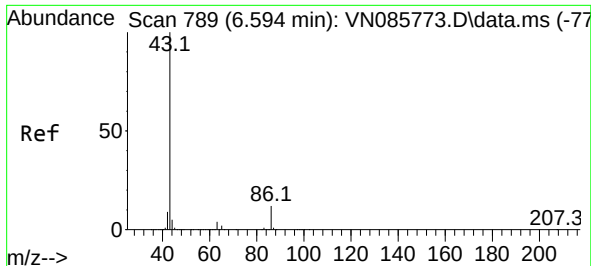
Tgt Ion: 96 Resp: 61564
Ion Ratio Lower Upper
96 100
61 131.7 112.6 168.8
98 60.3 53.3 79.9



#22
Diisopropyl ether
Concen: 19.040 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

Tgt Ion: 45 Resp: 182175
Ion Ratio Lower Upper
45 100
43 52.6 42.6 64.0
87 32.5 25.8 38.8
59 13.7 9.9 14.9

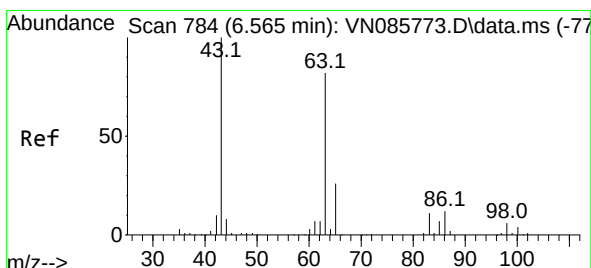
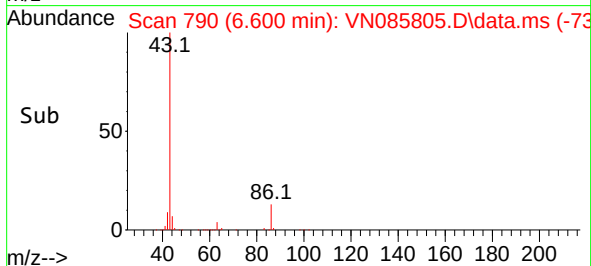
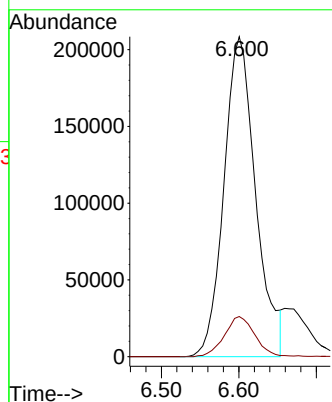
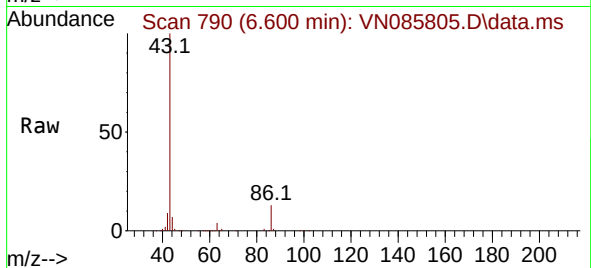




#23
 Vinyl Acetate
 Concen: 90.627 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085805.D
 Acq: 21 Feb 2025 16:06

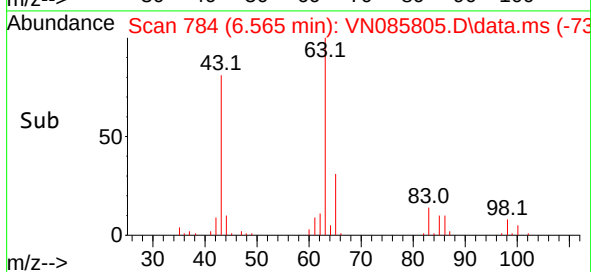
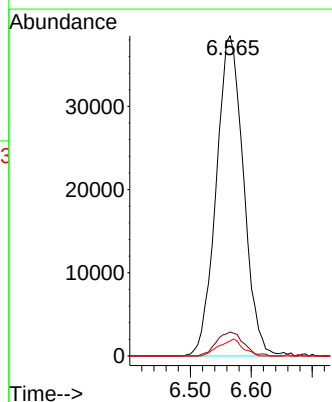
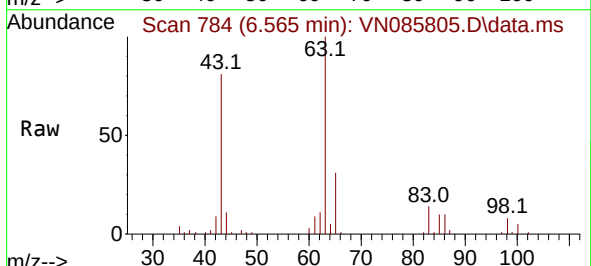
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBS01

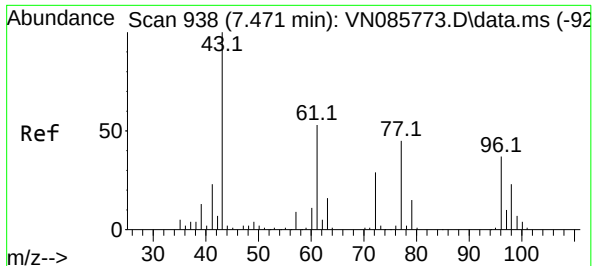
Tgt Ion: 43 Resp: 593718
 Ion Ratio Lower Upper
 43 100
 86 12.6 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 18.390 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085805.D
 Acq: 21 Feb 2025 16:06

Tgt Ion: 63 Resp: 119613
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 4.7 2.4 7.2

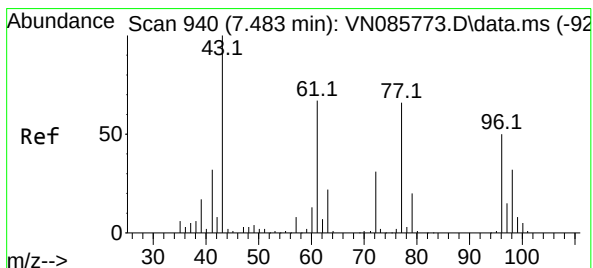
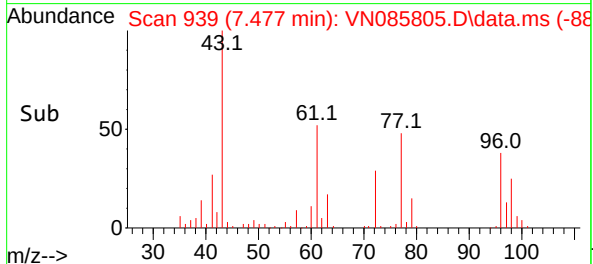
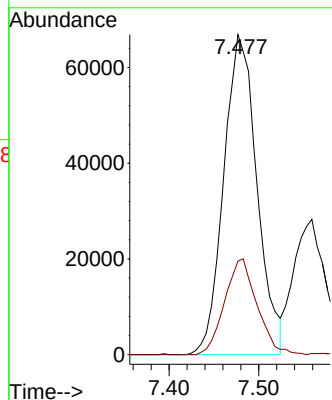
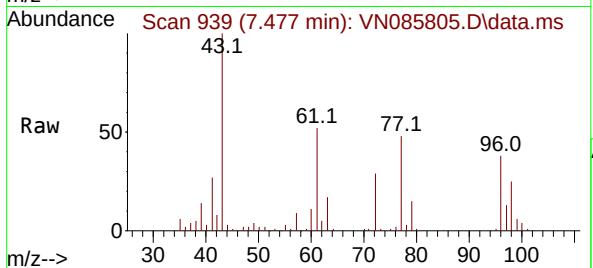




#25
2-Butanone
Concen: 97.050 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

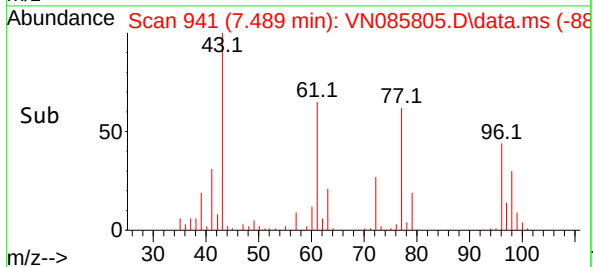
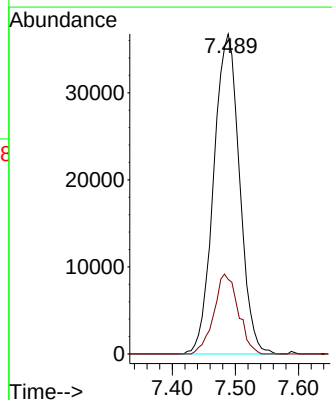
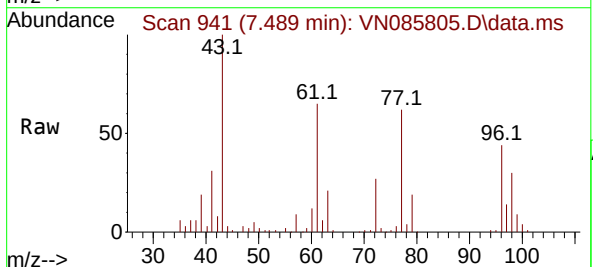
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

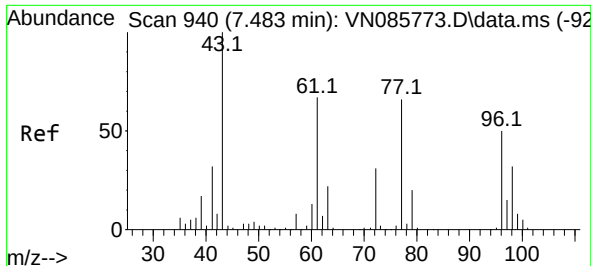
Tgt Ion: 43 Resp: 172255
Ion Ratio Lower Upper
43 100
72 29.2 23.6 35.4



#26
2,2-Dichloropropane
Concen: 18.063 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

Tgt Ion: 77 Resp: 104471
Ion Ratio Lower Upper
77 100
97 23.6 11.3 33.8

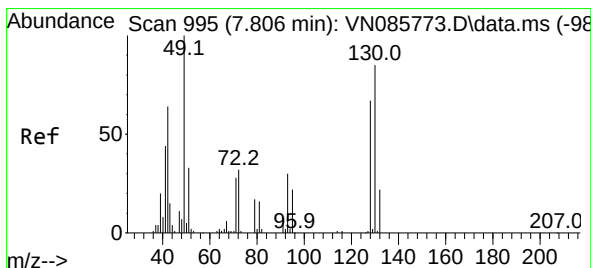
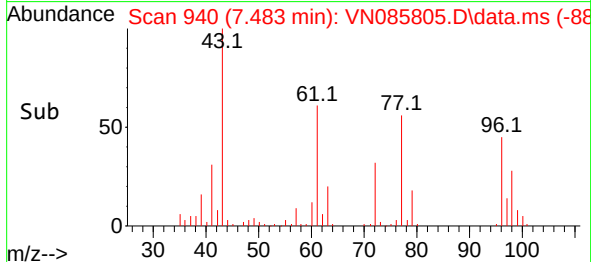
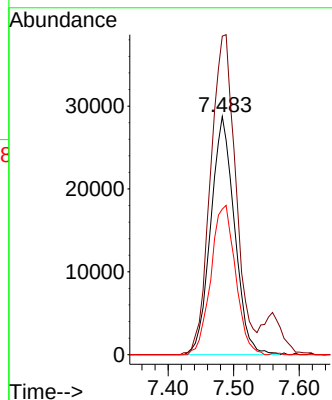
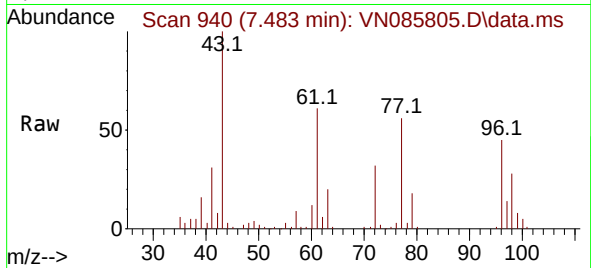




#27
 cis-1,2-Dichloroethene
 Concen: 17.977 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085805.D
 Acq: 21 Feb 2025 16:06

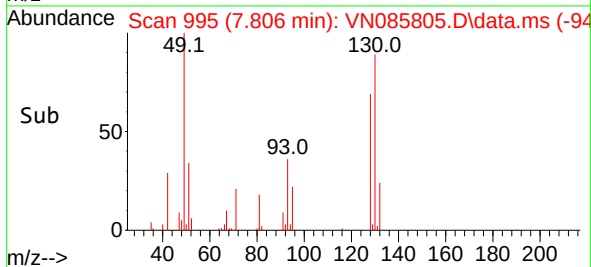
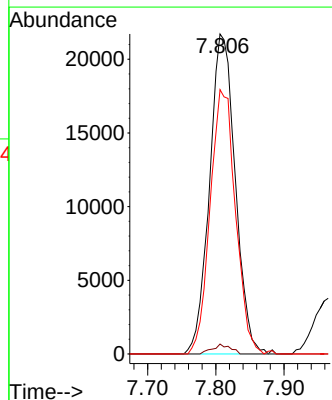
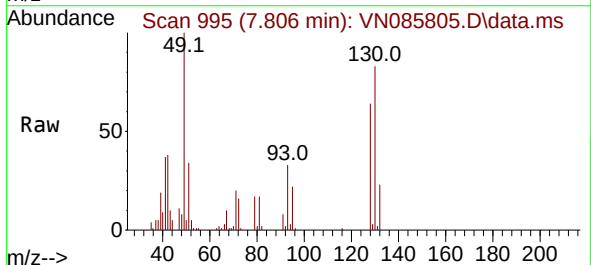
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBS01

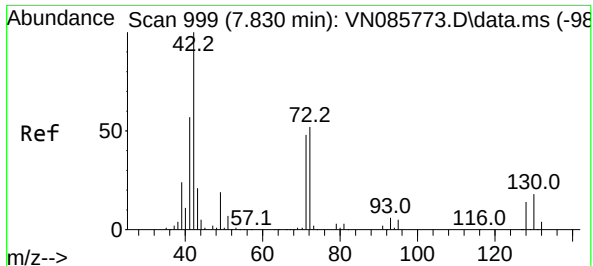
Tgt Ion: 96	Resp: 72385
Ion Ratio	Lower Upper
96 100	
61 143.0	0.0 280.6
98 64.8	0.0 128.6



#28
 Bromochloromethane
 Concen: 21.334 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VN085805.D
 Acq: 21 Feb 2025 16:06

Tgt Ion: 49	Resp: 57032
Ion Ratio	Lower Upper
49 100	
129 2.1	0.0 3.8
130 81.4	68.0 102.0





#29

Tetrahydrofuran

Concen: 100.616 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085805.D

Acq: 21 Feb 2025 16:06

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBS01

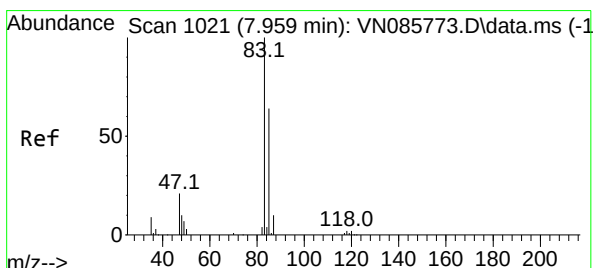
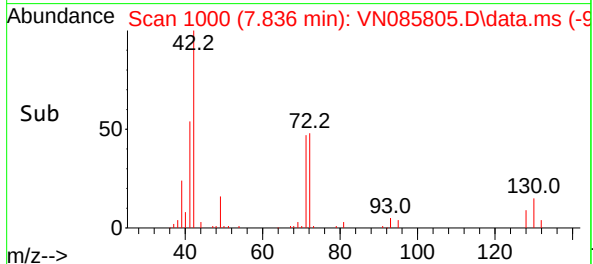
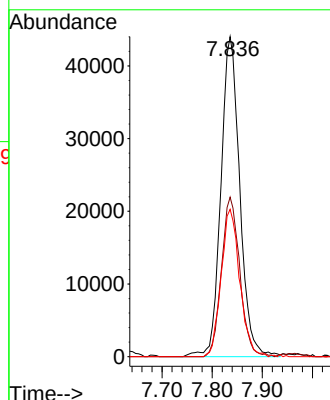
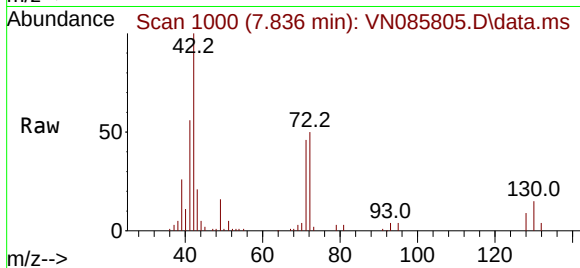
Tgt Ion: 42 Resp: 115320

Ion Ratio Lower Upper

42 100

72 48.2 40.0 60.0

71 45.2 37.0 55.4



#30

Chloroform

Concen: 18.604 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VN085805.D

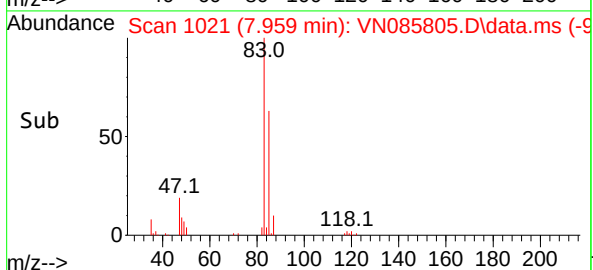
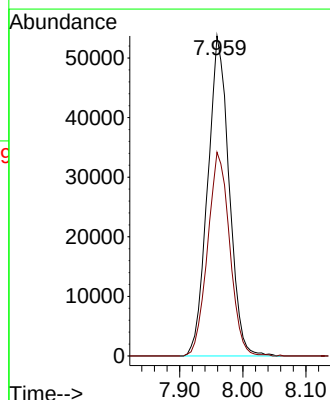
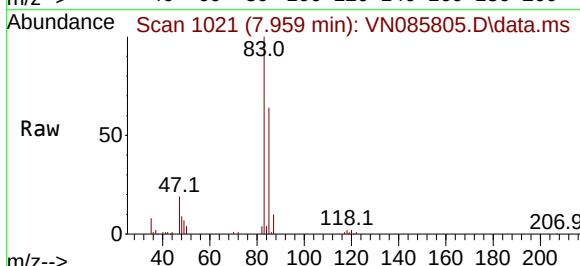
Acq: 21 Feb 2025 16:06

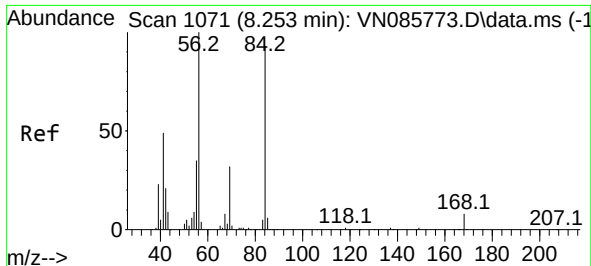
Tgt Ion: 83 Resp: 126455

Ion Ratio Lower Upper

83 100

85 63.7 50.9 76.3

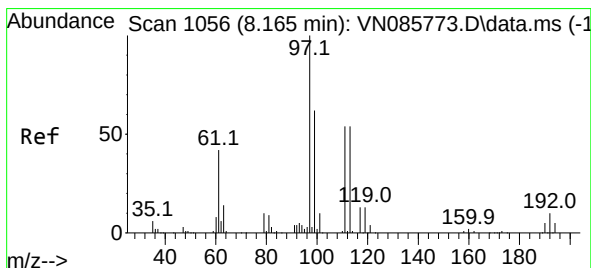
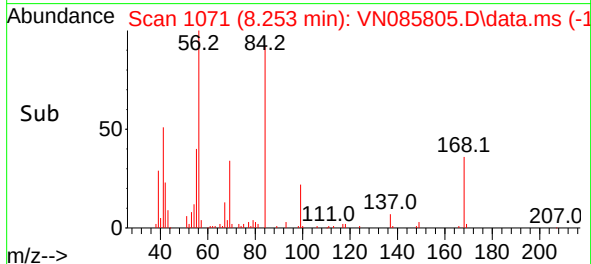
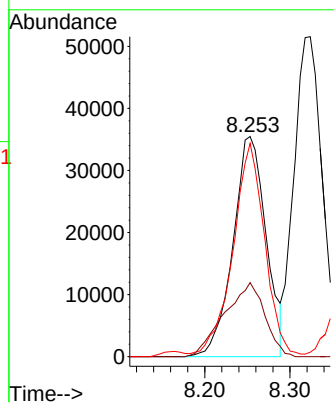
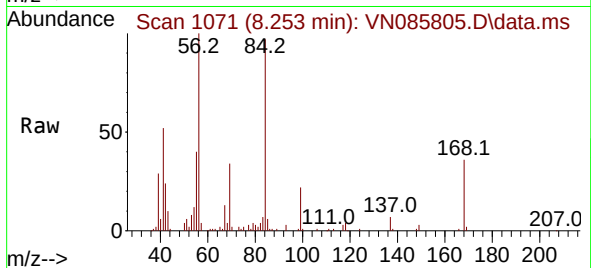




#31
Cyclohexane
Concen: 17.589 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

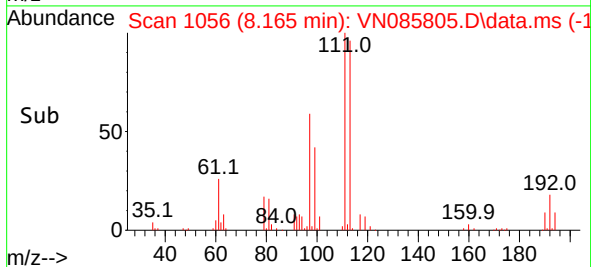
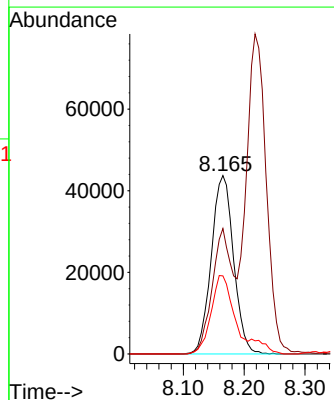
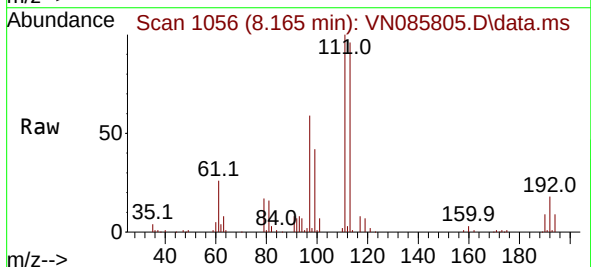
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

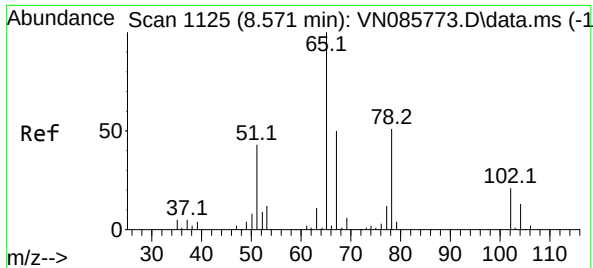
Tgt Ion: 56 Resp: 95788
Ion Ratio Lower Upper
56 100
69 33.6 25.8 38.6
84 94.9 74.5 111.7



#32
1,1,1-Trichloroethane
Concen: 18.374 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

Tgt Ion: 97 Resp: 111086
Ion Ratio Lower Upper
97 100
99 65.8 50.4 75.6
61 44.3 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 52.411 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VN085805.D

Acq: 21 Feb 2025 16:06

Instrument :

MSVOA_N

ClientSampleId :

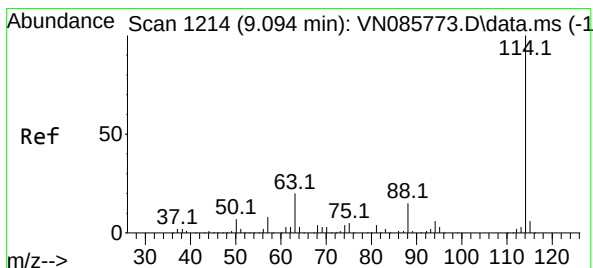
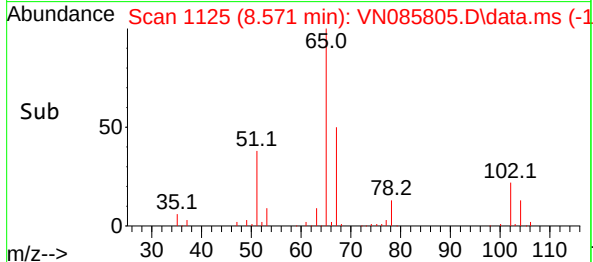
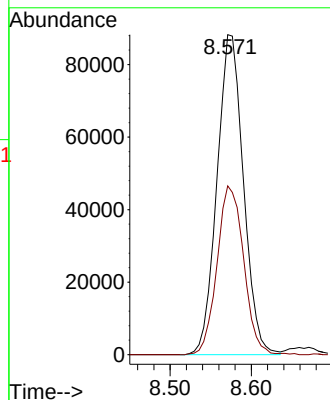
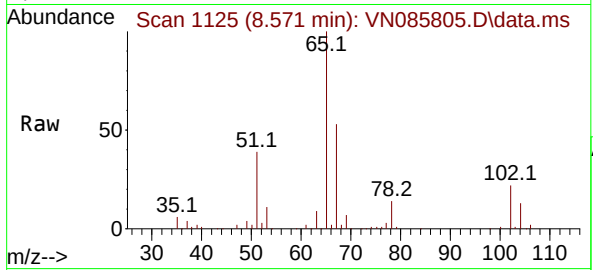
VN0221WBS01

Tgt Ion: 65 Resp: 199834

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085805.D

Acq: 21 Feb 2025 16:06

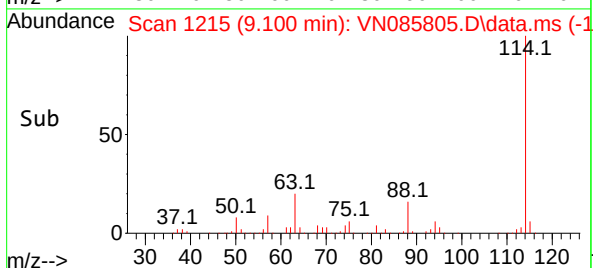
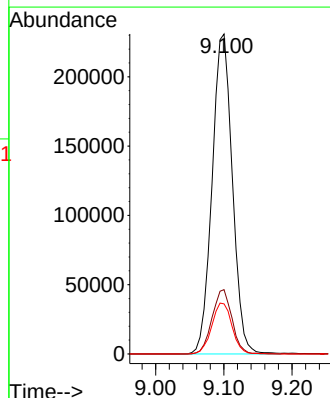
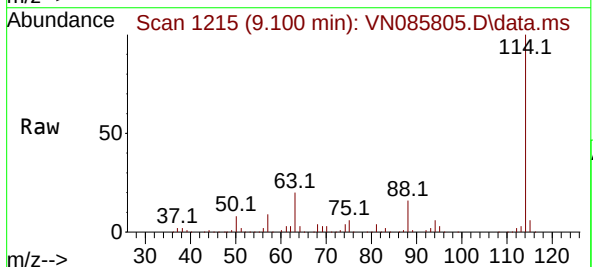
Tgt Ion: 114 Resp: 478037

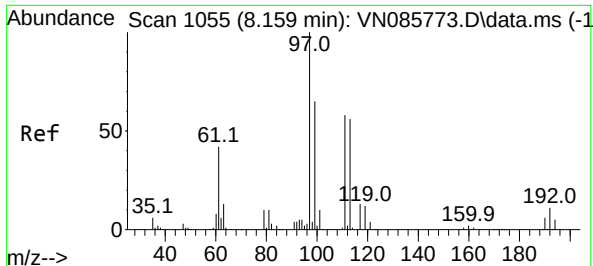
Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.2

88 15.7 0.0 30.0

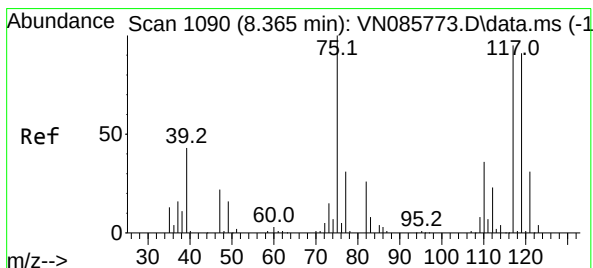
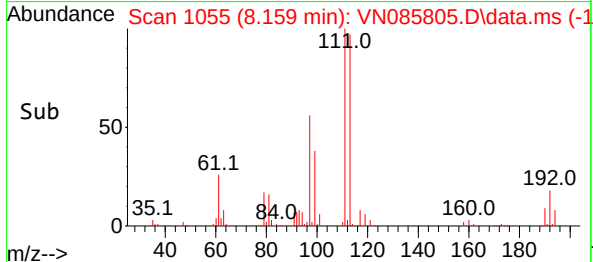
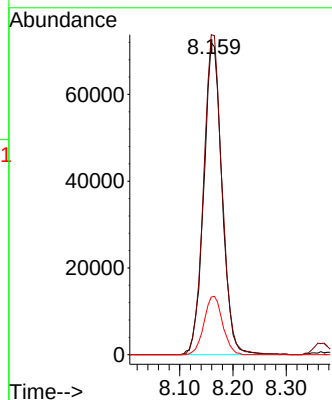
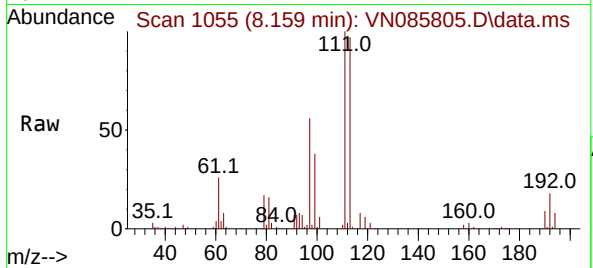




#35
Dibromofluoromethane
Concen: 54.654 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

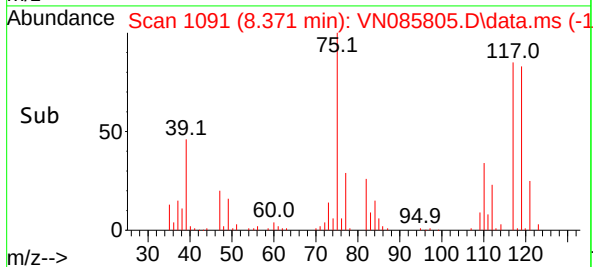
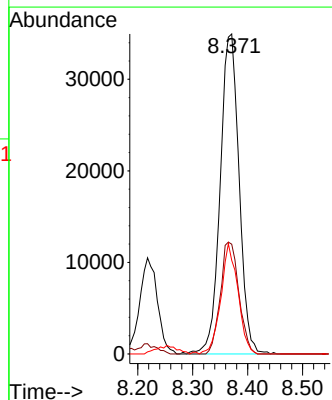
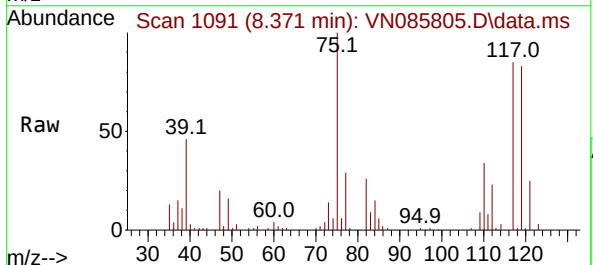
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

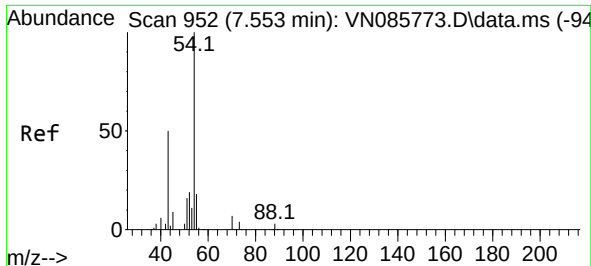
Tgt Ion:113 Resp: 170959
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 19.0 14.7 22.1



#36
1,1-Dichloropropene
Concen: 18.880 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

Tgt Ion: 75 Resp: 83583
Ion Ratio Lower Upper
75 100
110 34.1 17.3 52.0
77 31.0 24.6 37.0

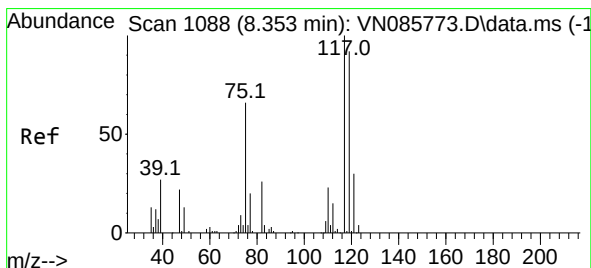
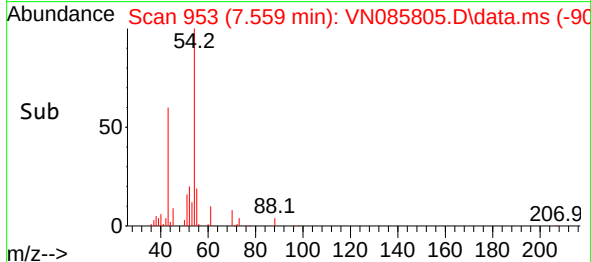
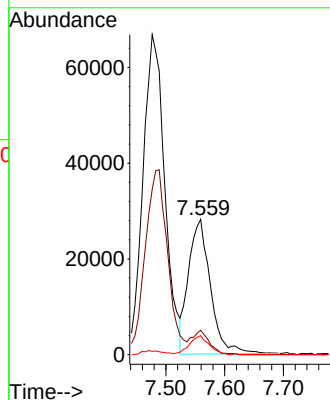
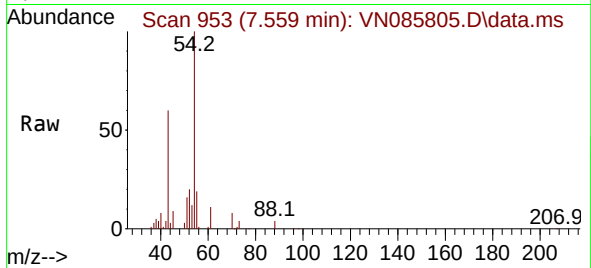




#37
Ethyl Acetate
Concen: 20.093 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

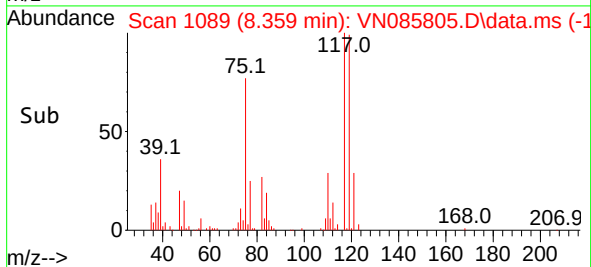
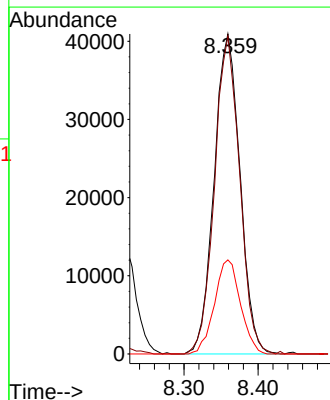
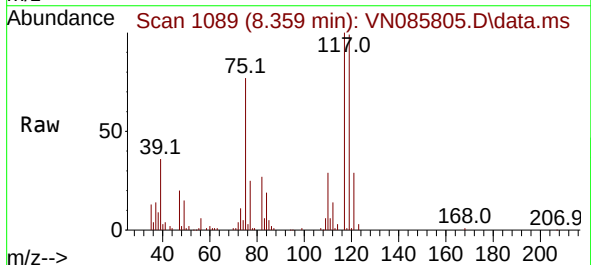
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

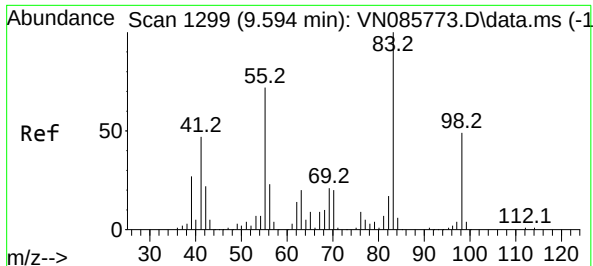
Tgt Ion: 43 Resp: 73203
Ion Ratio Lower Upper
43 100
61 14.5 12.2 18.2
70 12.6 9.5 14.3



#38
Carbon Tetrachloride
Concen: 18.889 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

Tgt Ion: 117 Resp: 99358
Ion Ratio Lower Upper
117 100
119 99.3 73.8 110.6
121 29.4 24.3 36.5





#39

Methylcyclohexane

Concen: 17.473 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.006 min

Lab File: VN085805.D

Acq: 21 Feb 2025 16:06

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBS01

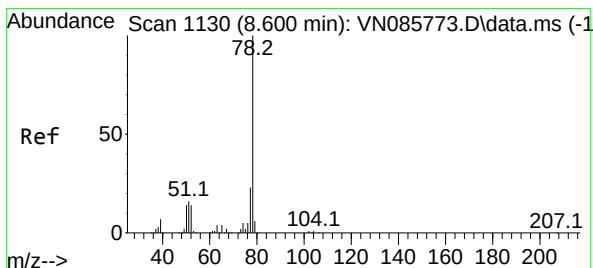
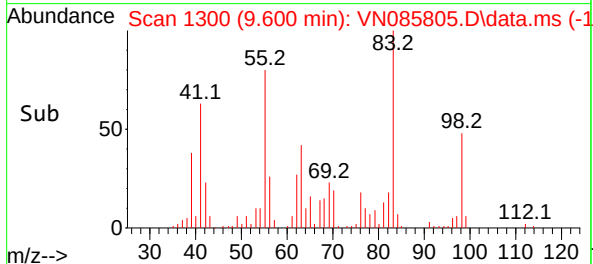
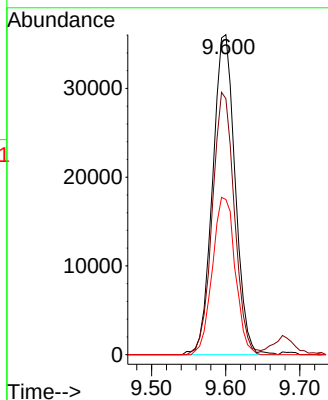
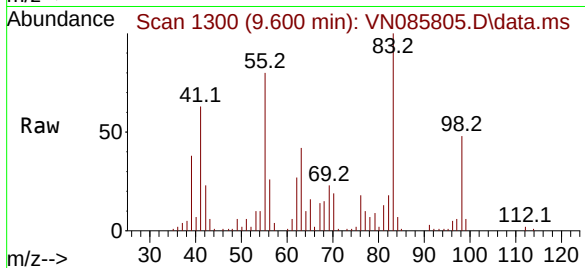
Tgt Ion: 83 Resp: 75991

Ion Ratio Lower Upper

83 100

55 80.0 57.5 86.3

98 48.5 39.2 58.8



#40

Benzene

Concen: 18.924 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN085805.D

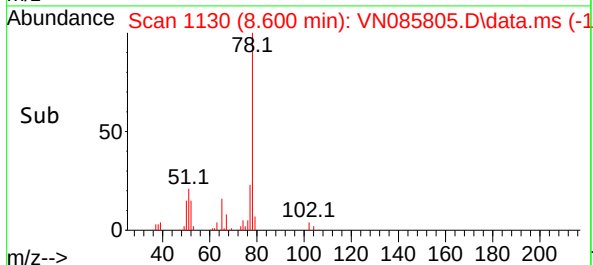
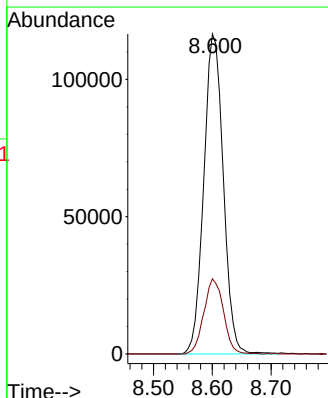
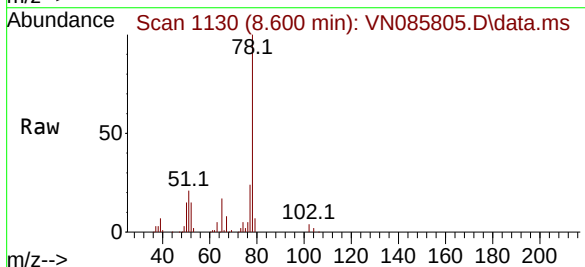
Acq: 21 Feb 2025 16:06

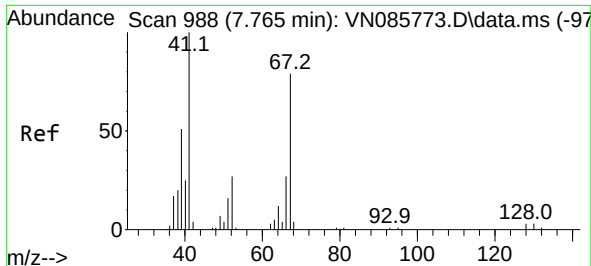
Tgt Ion: 78 Resp: 268507

Ion Ratio Lower Upper

78 100

77 23.5 18.3 27.5

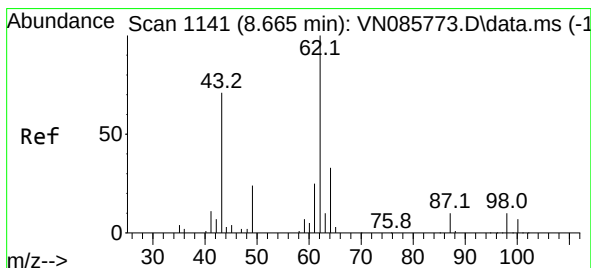
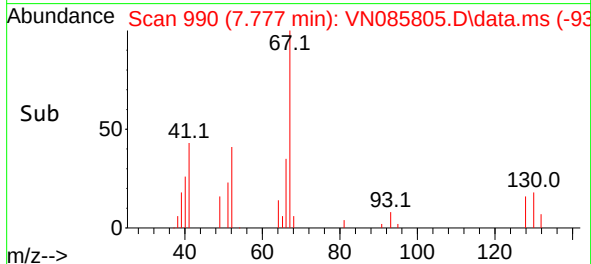
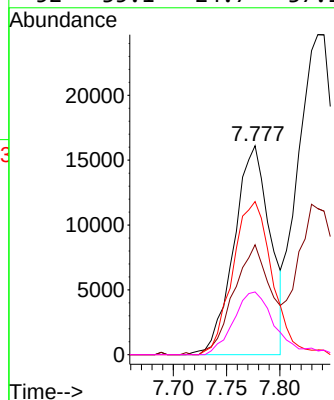
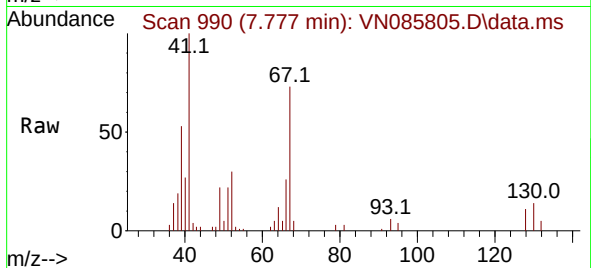




#41
Methacrylonitrile
Concen: 19.543 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

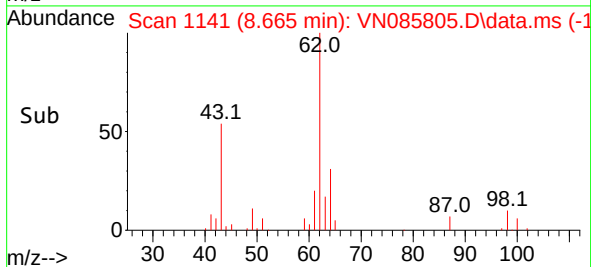
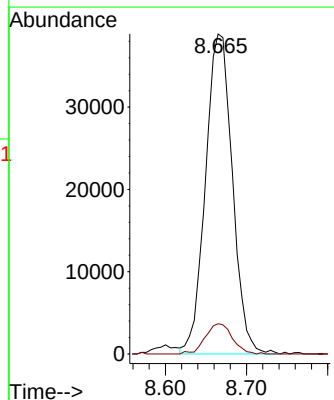
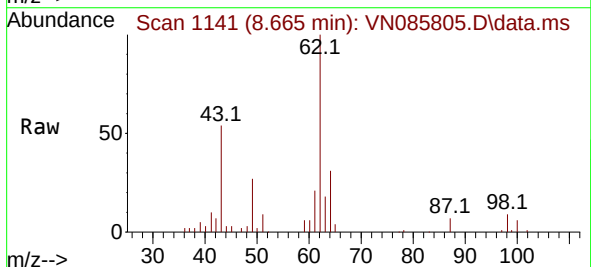
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

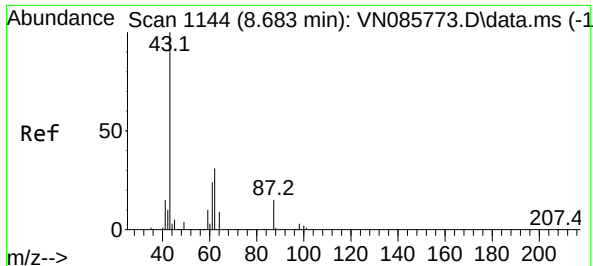
Tgt Ion:	41	Resp:	38061
Ion	Ratio	Lower	Upper
41	100		
39	53.7	42.0	63.0
67	80.1	64.2	96.4
52	35.1	24.7	37.1



#42
1,2-Dichloroethane
Concen: 19.407 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

Tgt Ion:	62	Resp:	89694
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.6





#43

Isopropyl Acetate

Concen: 17.794 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VN085805.D

Acq: 21 Feb 2025 16:06

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBS01

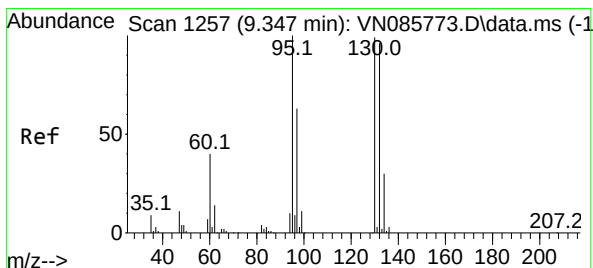
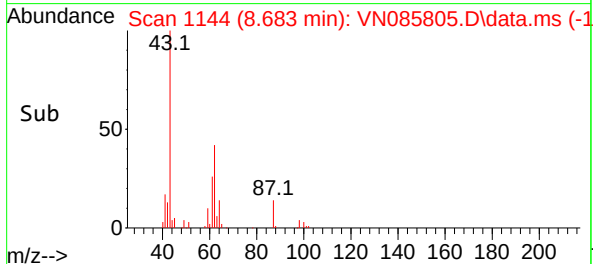
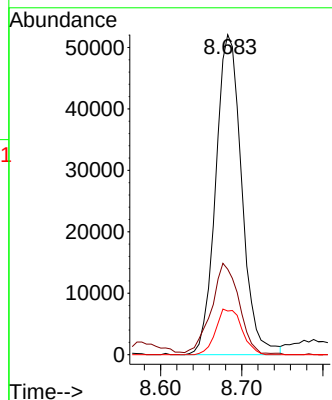
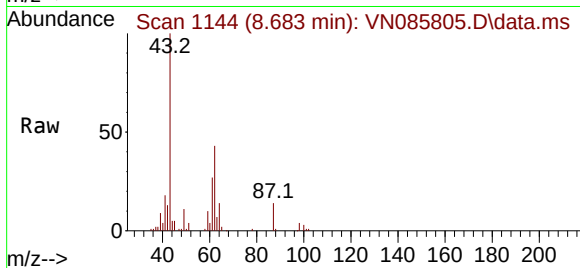
Tgt Ion: 43 Resp: 116020

Ion Ratio Lower Upper

43 100

61 30.7 22.6 34.0

87 14.2 11.8 17.8



#44

Trichloroethene

Concen: 18.237 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VN085805.D

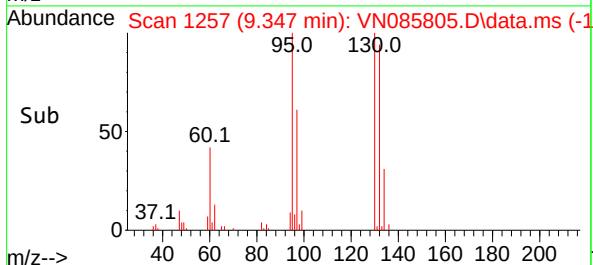
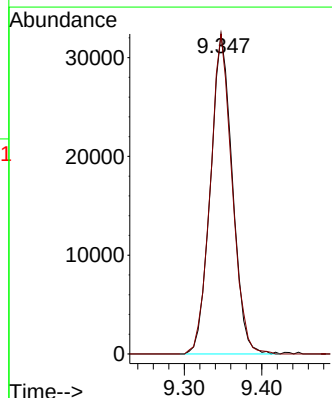
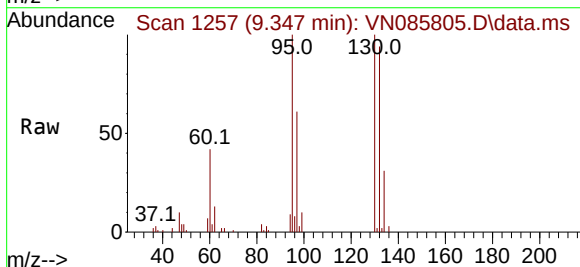
Acq: 21 Feb 2025 16:06

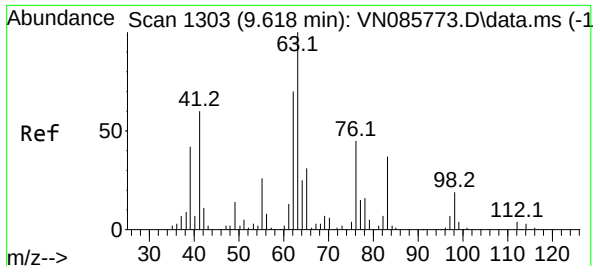
Tgt Ion:130 Resp: 63535

Ion Ratio Lower Upper

130 100

95 100.0 0.0 202.6





#45

1,2-Dichloropropane

Concen: 19.092 ug/l

RT: 9.618 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085805.D

Acq: 21 Feb 2025 16:06

Instrument :

MSVOA_N

ClientSampleId :

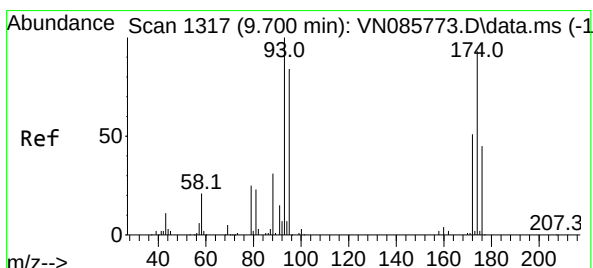
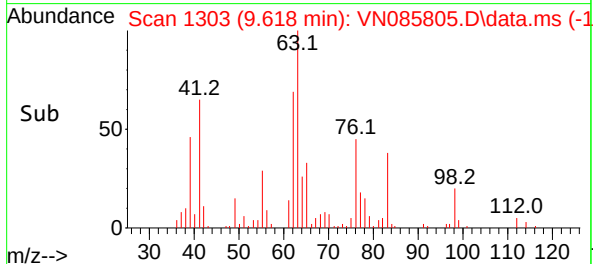
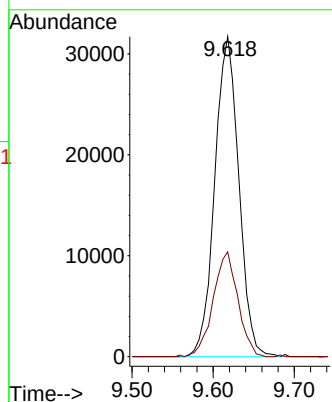
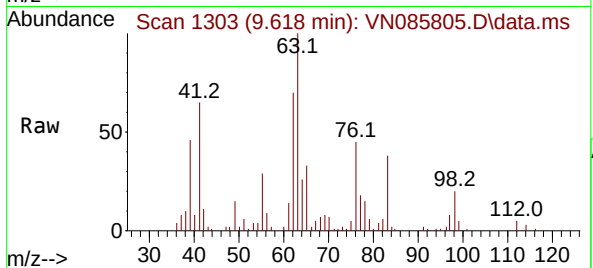
VN0221WBS01

Tgt Ion: 63 Resp: 65389

Ion Ratio Lower Upper

63 100

65 32.3 25.1 37.7



#46

Dibromomethane

Concen: 19.715 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN085805.D

Acq: 21 Feb 2025 16:06

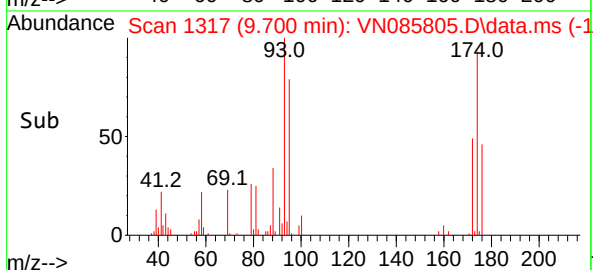
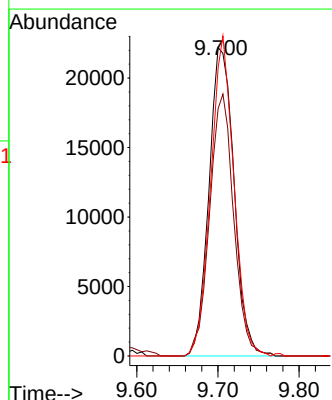
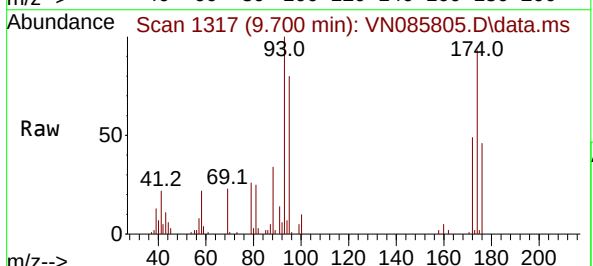
Tgt Ion: 93 Resp: 47627

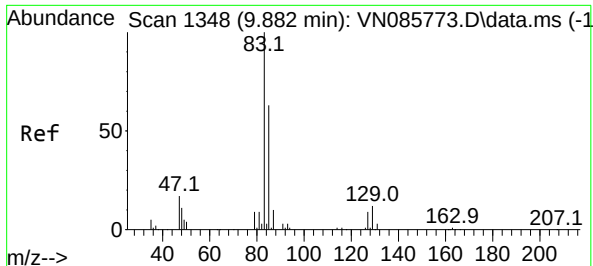
Ion Ratio Lower Upper

93 100

95 81.6 66.7 100.1

174 95.9 77.2 115.8

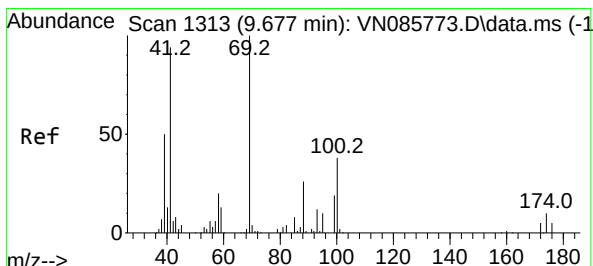
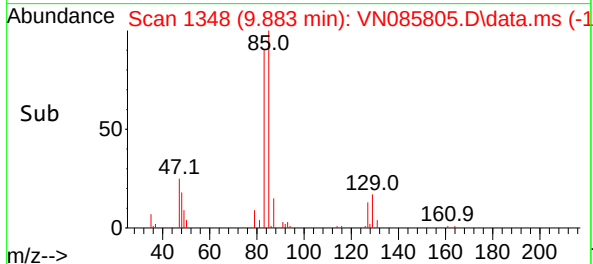
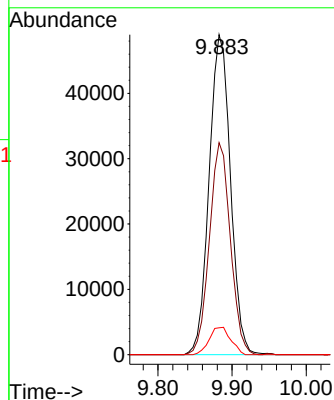
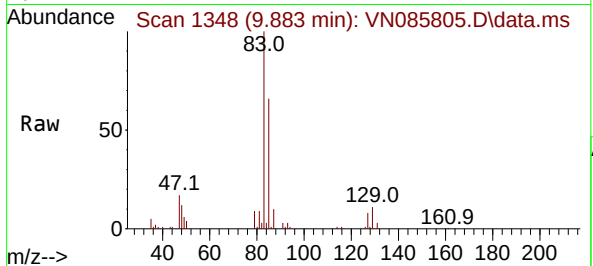




#47
Bromodichloromethane
Concen: 18.949 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

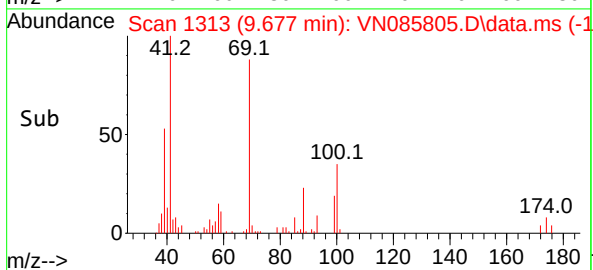
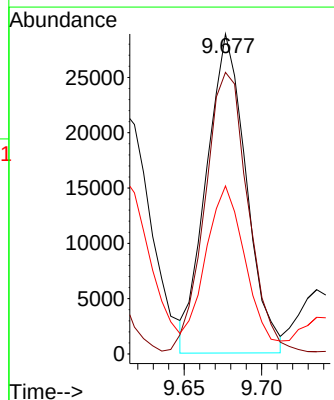
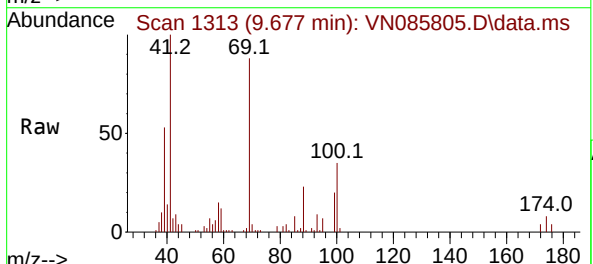
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

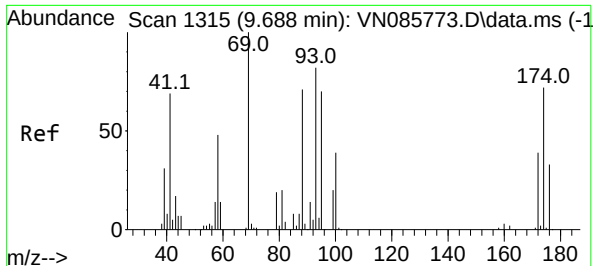
Tgt Ion: 83 Resp: 97942
Ion Ratio Lower Upper
83 100
85 66.3 50.5 75.7
127 8.4 7.2 10.8



#48
Methyl methacrylate
Concen: 19.081 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

Tgt Ion: 41 Resp: 51627
Ion Ratio Lower Upper
41 100
69 96.7 76.0 114.0
39 54.1 42.3 63.5





#49

1,4-Dioxane

Concen: 436.005 ug/l

RT: 9.688 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085805.D

Acq: 21 Feb 2025 16:06

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBS01

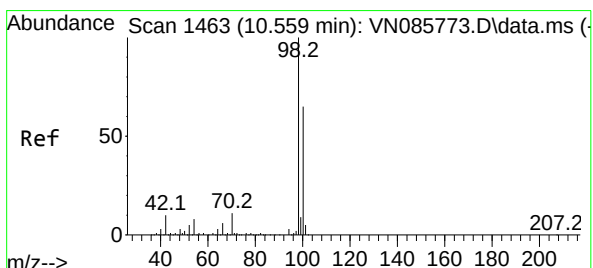
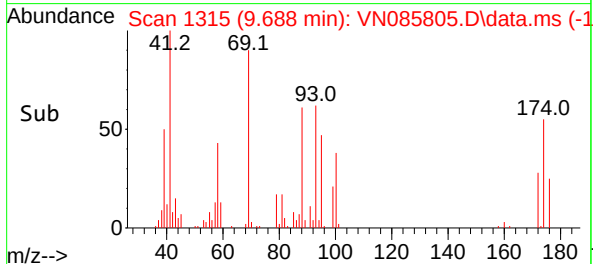
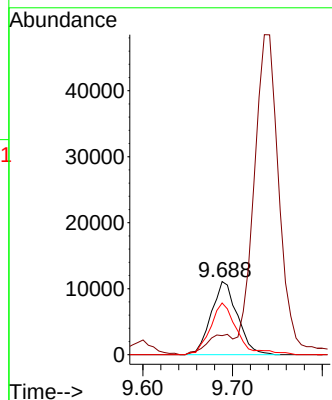
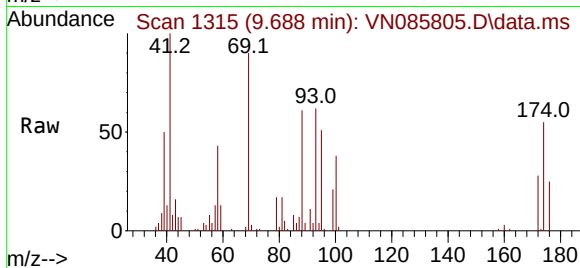
Tgt Ion: 88 Resp: 22433

Ion Ratio Lower Upper

88 100

43 27.2 18.6 27.8

58 72.1 56.7 85.1



#50

Toluene-d8

Concen: 55.895 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085805.D

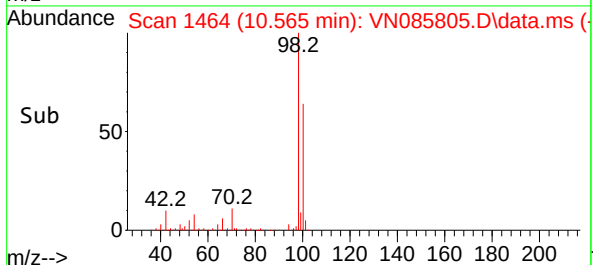
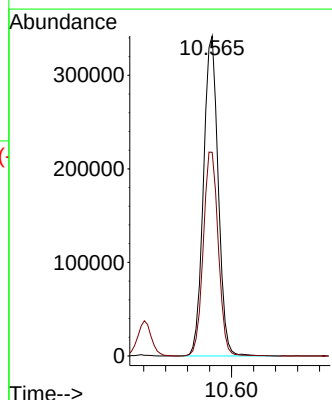
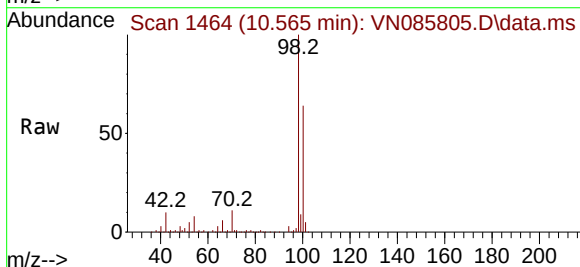
Acq: 21 Feb 2025 16:06

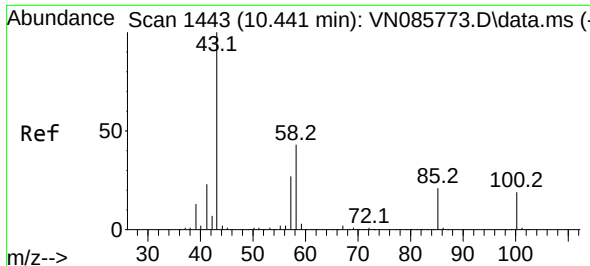
Tgt Ion: 98 Resp: 636128

Ion Ratio Lower Upper

98 100

100 65.0 52.1 78.1

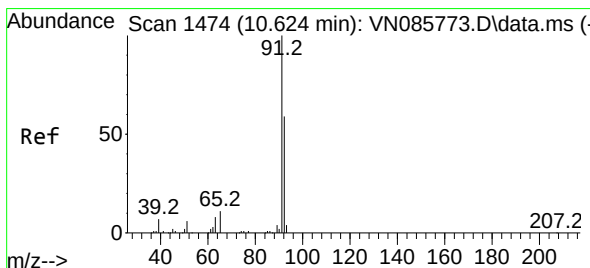
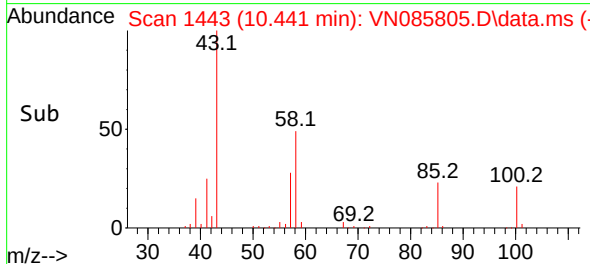
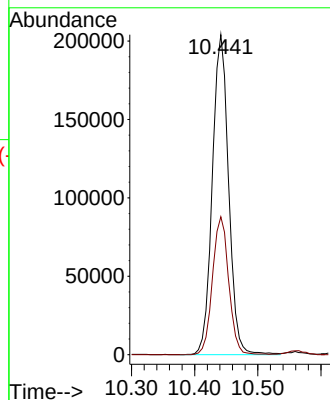
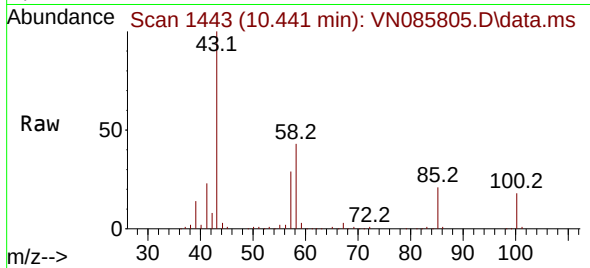




#51
4-Methyl-2-Pentanone
Concen: 104.214 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

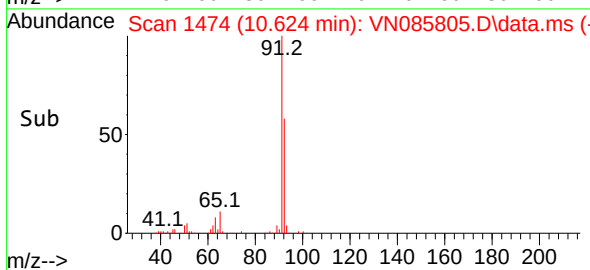
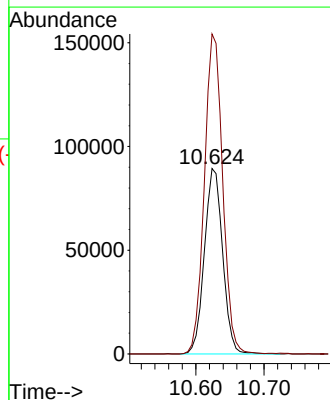
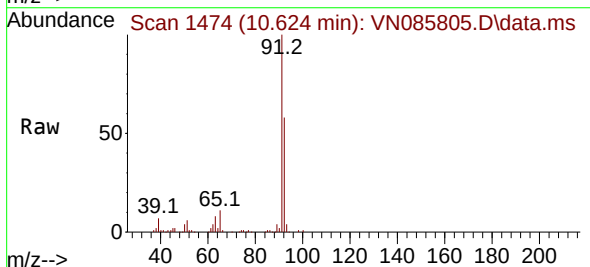
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

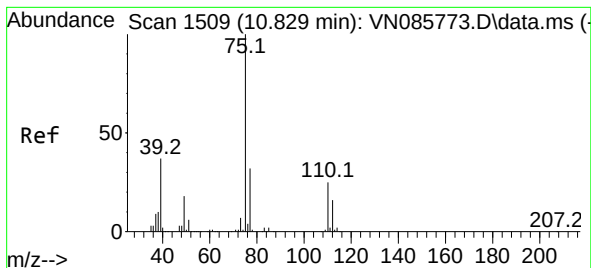
Tgt Ion: 43 Resp: 366053
Ion Ratio Lower Upper
43 100
58 42.9 34.6 52.0



#52
Toluene
Concen: 20.037 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

Tgt Ion: 92 Resp: 166657
Ion Ratio Lower Upper
92 100
91 172.8 136.9 205.3

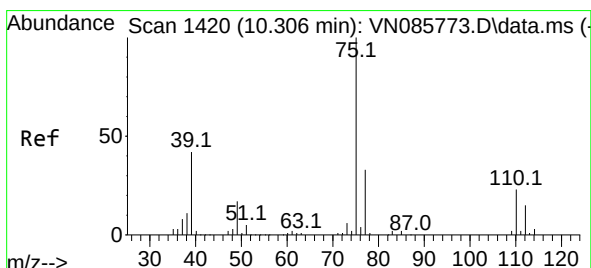
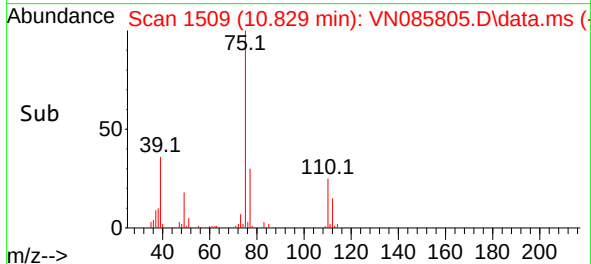
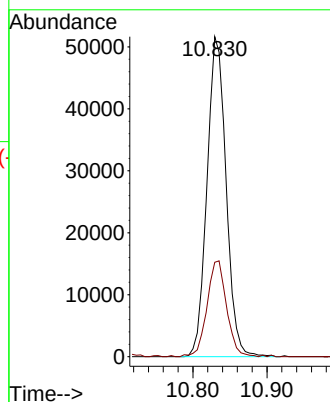
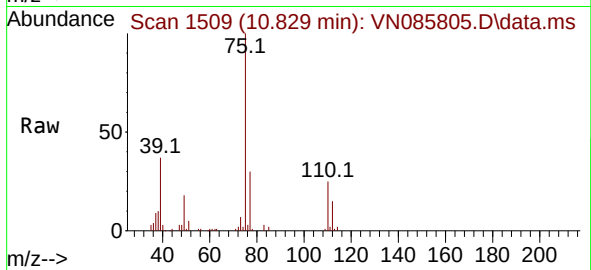




#53
t-1,3-Dichloropropene
Concen: 19.354 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

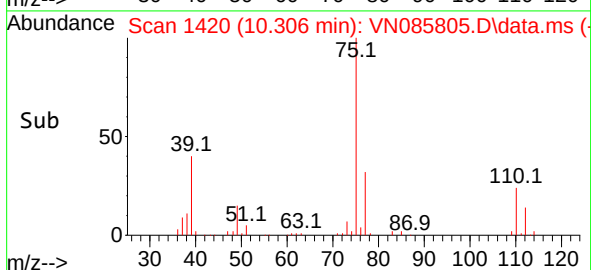
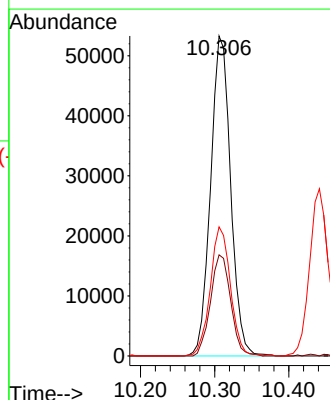
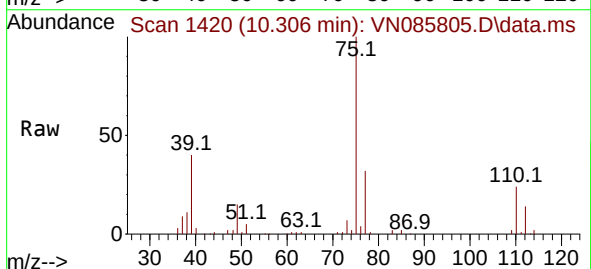
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

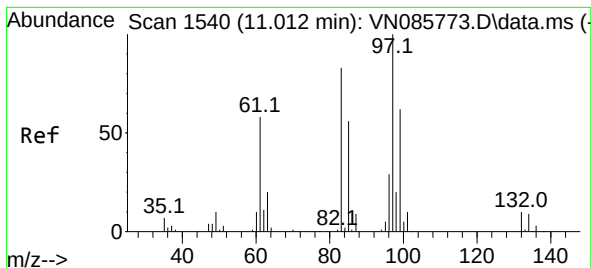
Tgt Ion: 75 Resp: 92500
Ion Ratio Lower Upper
75 100
77 29.5 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 19.098 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. 0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

Tgt Ion: 75 Resp: 100089
Ion Ratio Lower Upper
75 100
77 31.6 26.1 39.1
39 40.4 33.4 50.0





#55

1,1,2-Trichloroethane

Concen: 19.427 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.000 min

Lab File: VN085805.D

Acq: 21 Feb 2025 16:06

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBS01

Tgt Ion: 97 Resp: 64245

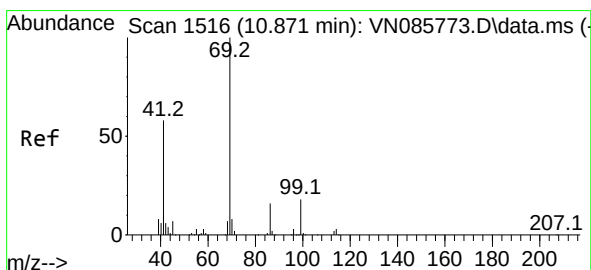
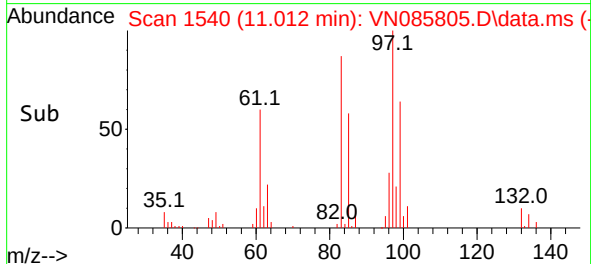
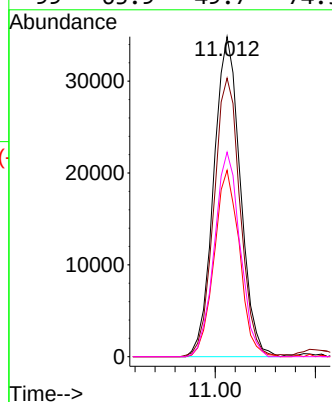
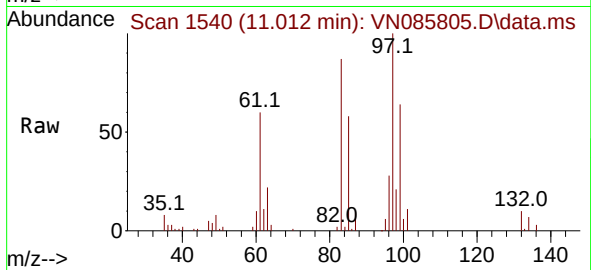
Ion Ratio Lower Upper

97 100

83 87.1 66.1 99.1

85 58.2 44.7 67.1

99 63.9 49.7 74.5



#56

Ethyl methacrylate

Concen: 18.598 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN085805.D

Acq: 21 Feb 2025 16:06

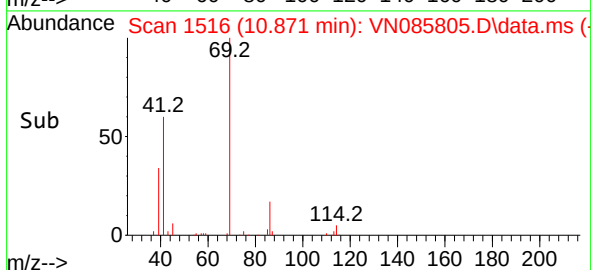
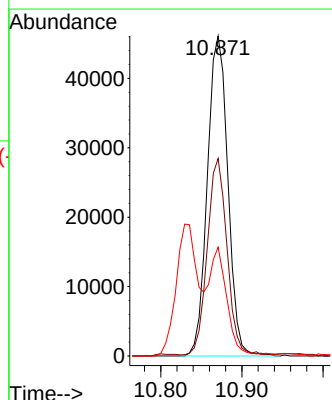
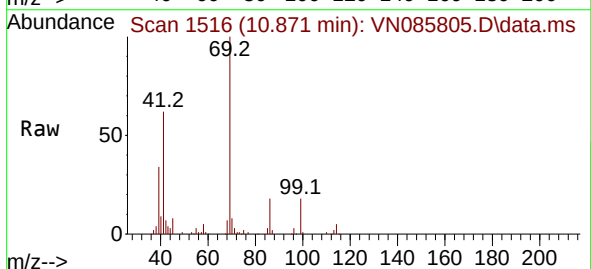
Tgt Ion: 69 Resp: 80815

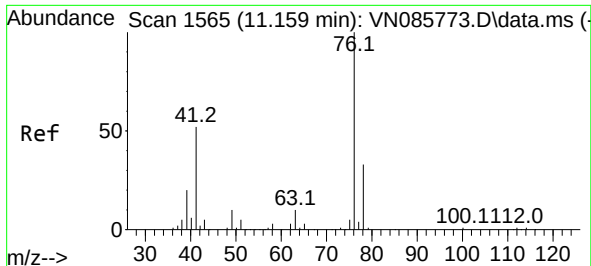
Ion Ratio Lower Upper

69 100

41 59.2 46.0 69.0

39 29.2 22.0 33.0





#57

1,3-Dichloropropane

Concen: 19.679 ug/l

RT: 11.159 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085805.D

Acq: 21 Feb 2025 16:06

Instrument :

MSVOA_N

ClientSampleId :

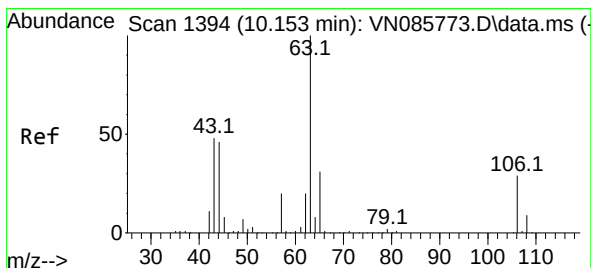
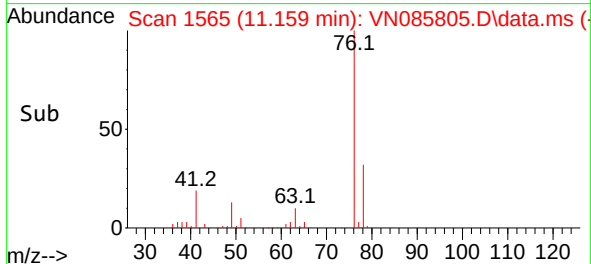
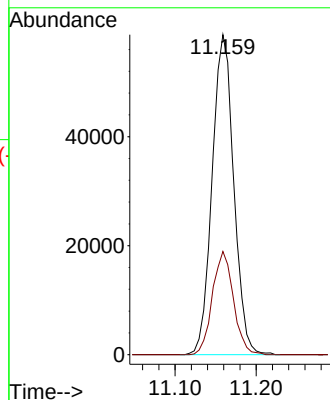
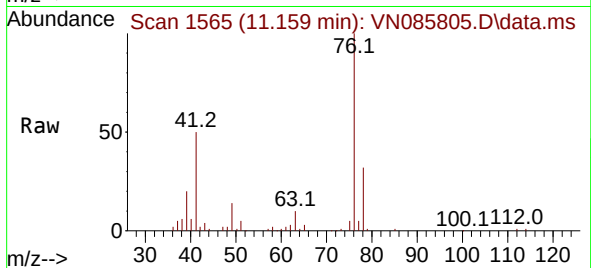
VN0221WBS01

Tgt Ion: 76 Resp: 108637

Ion Ratio Lower Upper

76 100

78 31.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 99.419 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.006 min

Lab File: VN085805.D

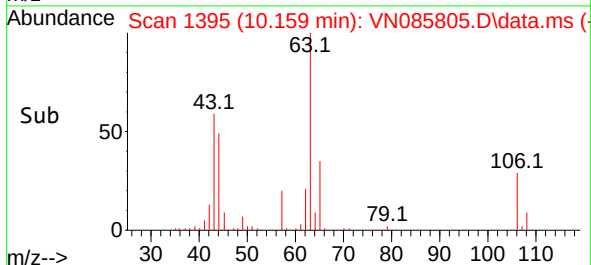
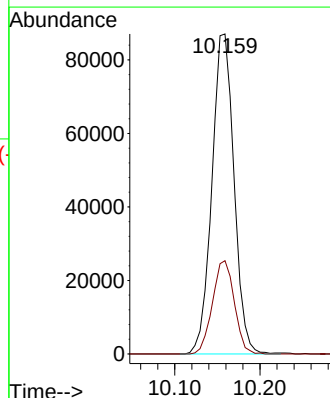
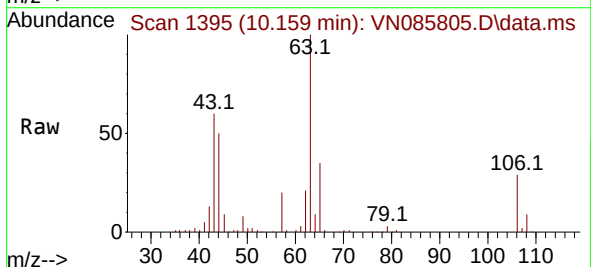
Acq: 21 Feb 2025 16:06

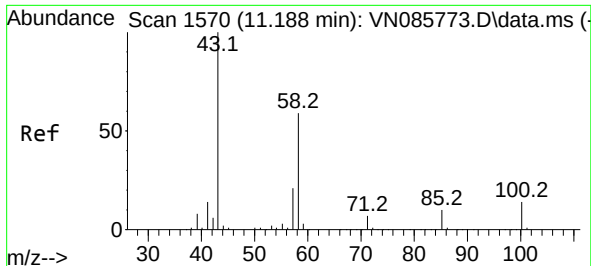
Tgt Ion: 63 Resp: 156916

Ion Ratio Lower Upper

63 100

106 28.8 22.7 34.1

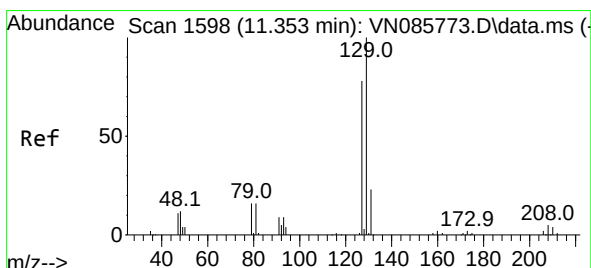
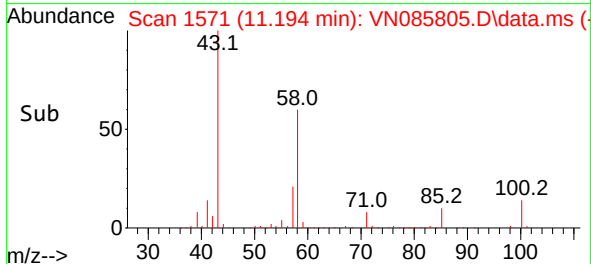
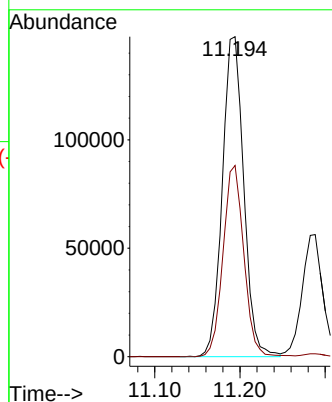
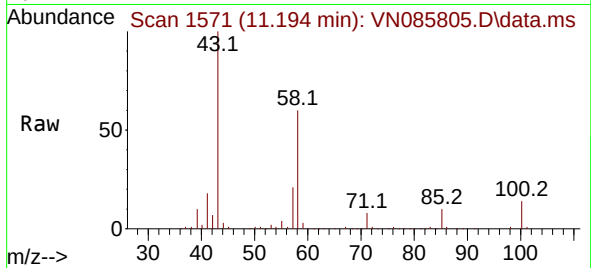




#59
2-Hexanone
Concen: 106.481 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

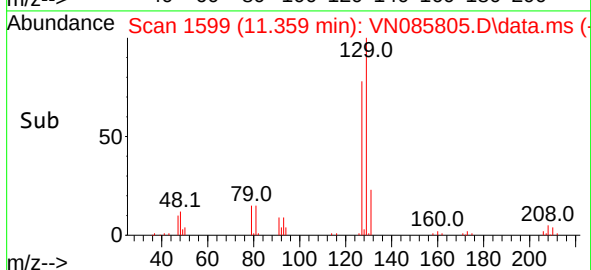
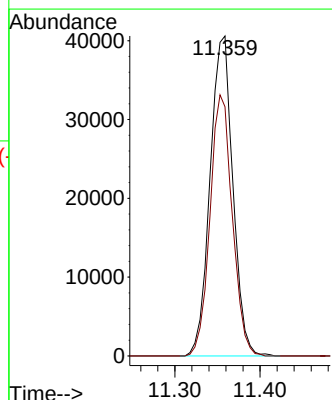
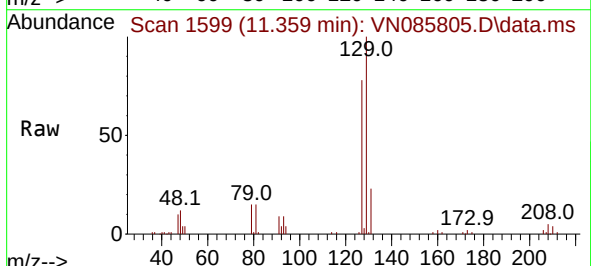
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

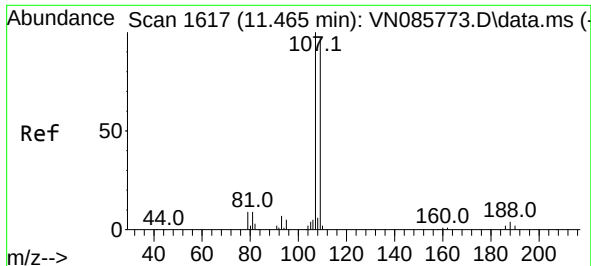
Tgt Ion: 43 Resp: 257303
Ion Ratio Lower Upper
43 100
58 58.1 29.8 89.5



#60
Dibromochloromethane
Concen: 19.614 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

Tgt Ion:129 Resp: 75526
Ion Ratio Lower Upper
129 100
127 79.8 39.1 117.5

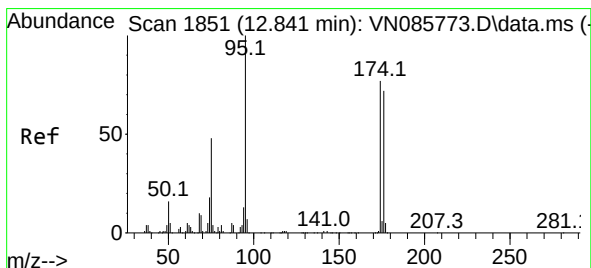
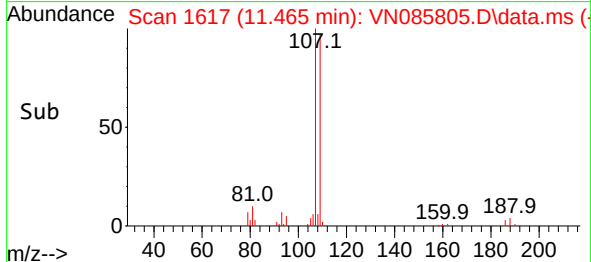
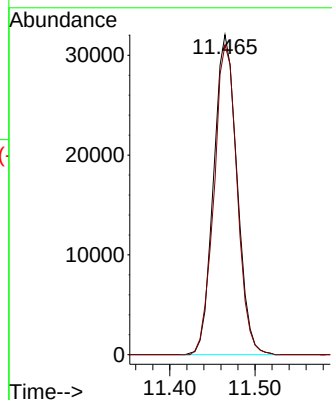
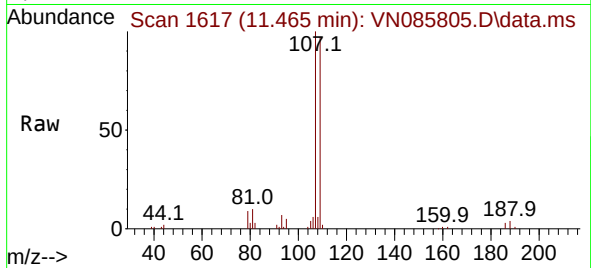




#61
1,2-Dibromoethane
Concen: 19.517 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

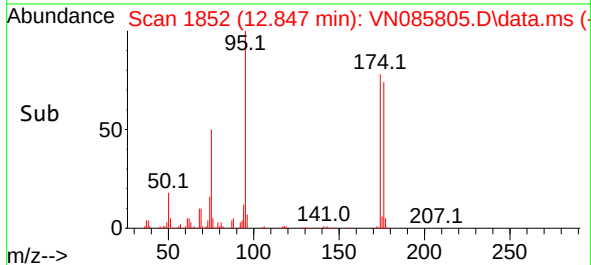
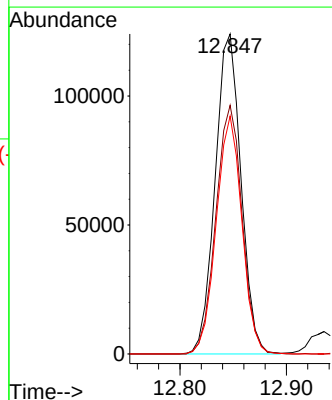
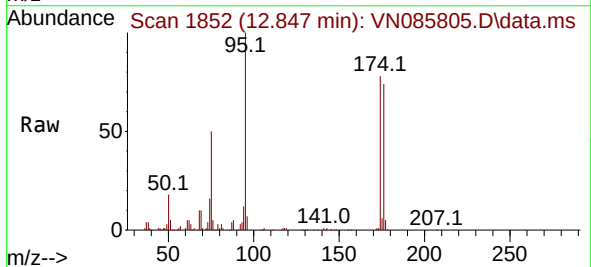
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

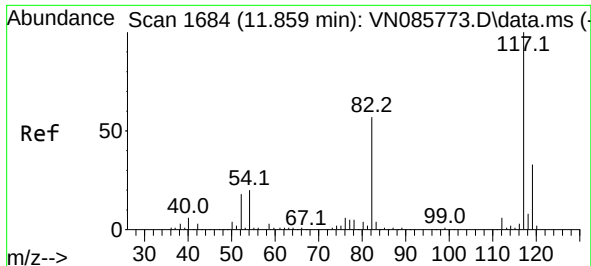
Tgt Ion:107 Resp: 60981
Ion Ratio Lower Upper
107 100
109 95.7 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 55.632 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

Tgt Ion: 95 Resp: 208604
Ion Ratio Lower Upper
95 100
174 79.0 0.0 152.4
176 73.8 0.0 146.6

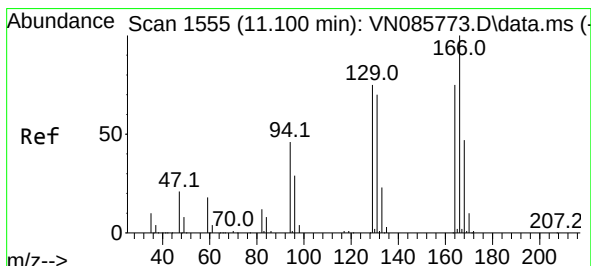
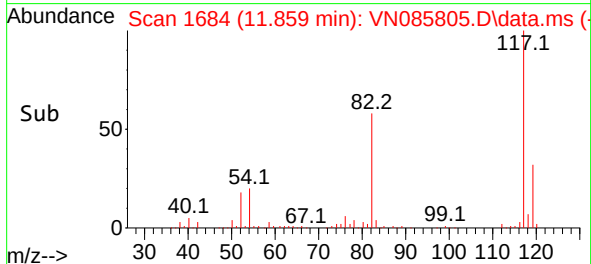
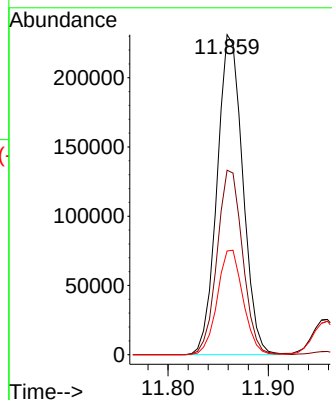
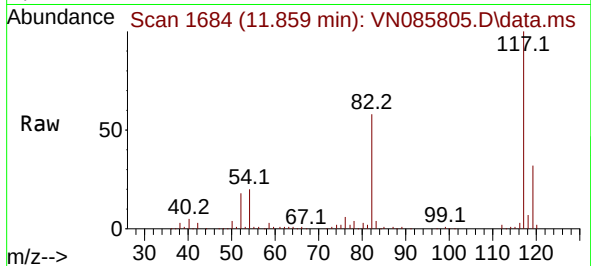




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

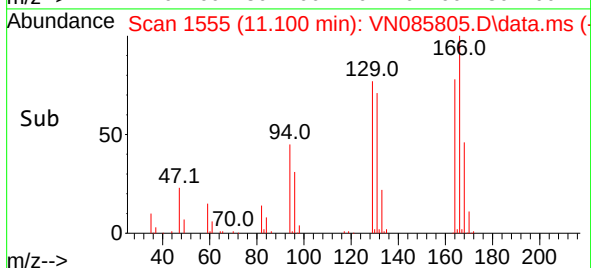
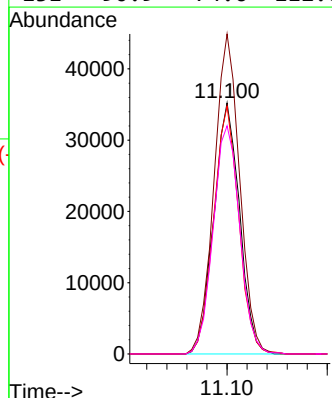
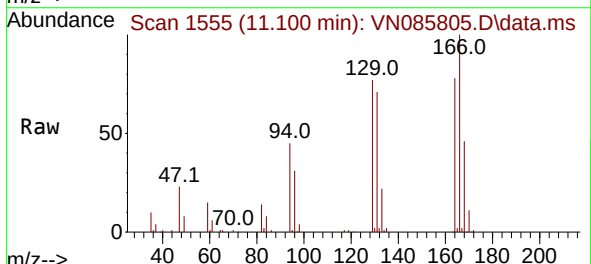
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

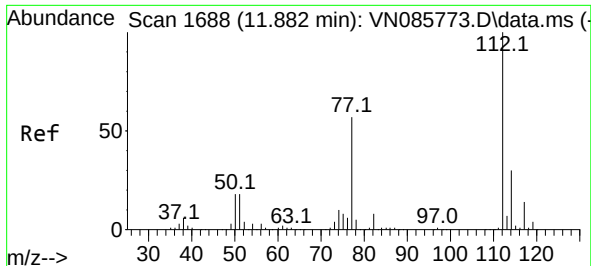
Tgt Ion:117 Resp: 411262
Ion Ratio Lower Upper
117 100
82 57.7 45.7 68.5
119 32.4 26.2 39.2



#64
Tetrachloroethene
Concen: 19.717 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

Tgt Ion:164 Resp: 62820
Ion Ratio Lower Upper
164 100
166 127.5 107.2 160.8
129 98.7 80.7 121.1
131 90.9 74.6 112.0

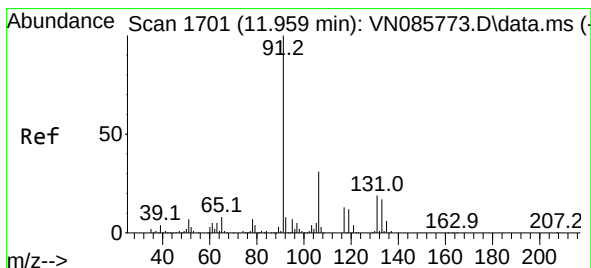
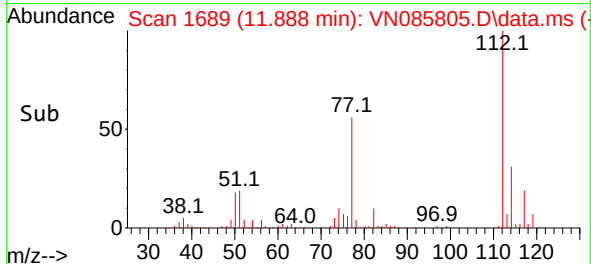
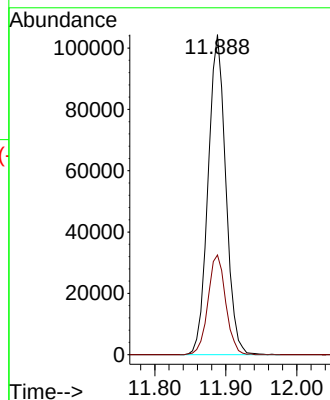
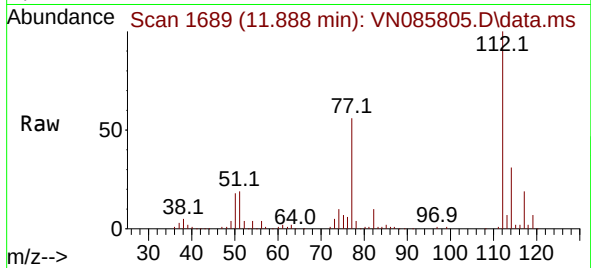




#65
Chlorobenzene
Concen: 19.141 ug/l
RT: 11.888 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

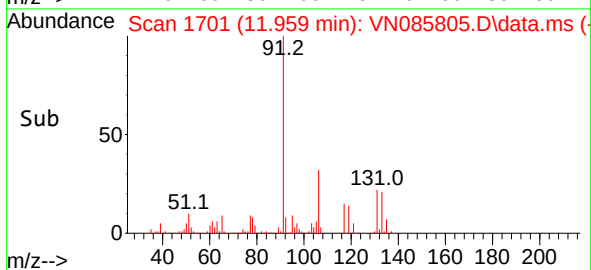
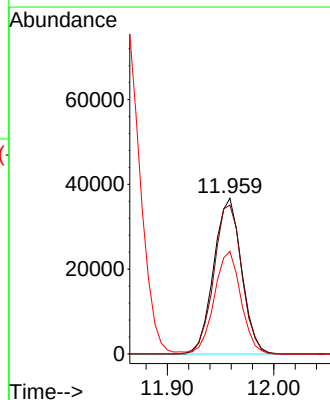
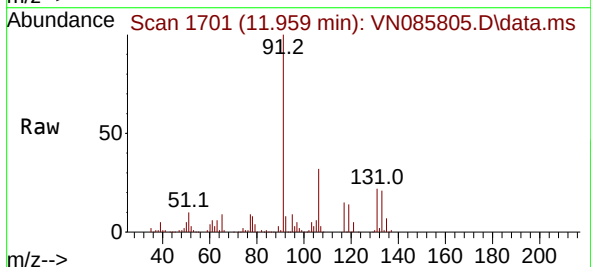
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

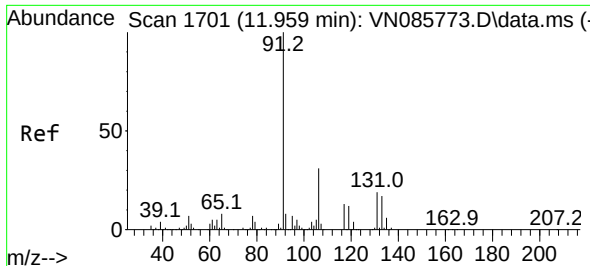
Tgt Ion:112 Resp: 180333
Ion Ratio Lower Upper
112 100
114 31.2 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.658 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

Tgt Ion:131 Resp: 66570
Ion Ratio Lower Upper
131 100
133 96.3 47.7 143.1
119 63.3 33.3 99.8

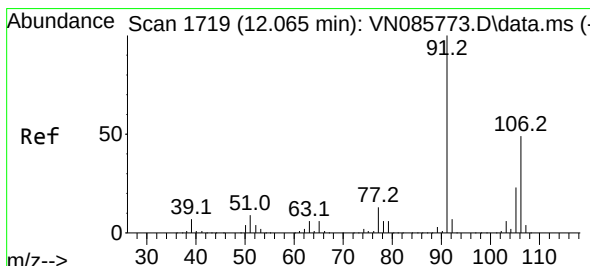
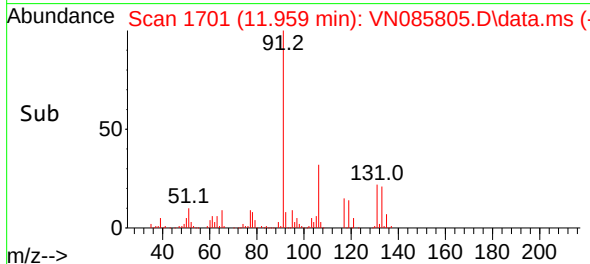
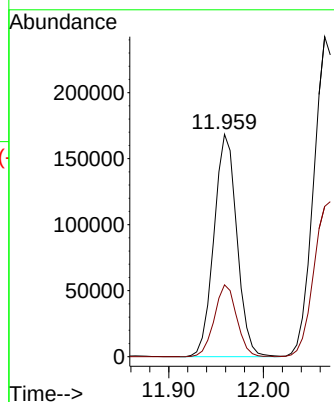
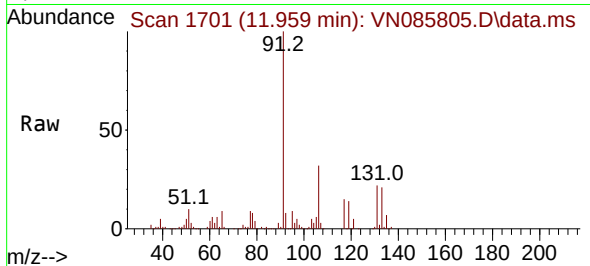




#67
Ethyl Benzene
Concen: 19.178 ug/l
RT: 11.959 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

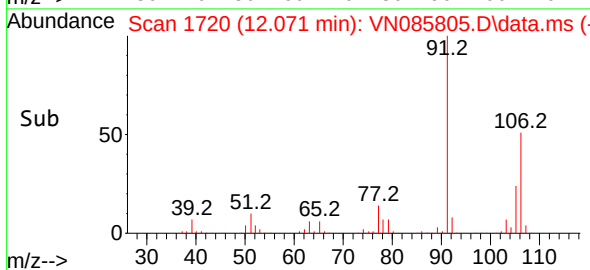
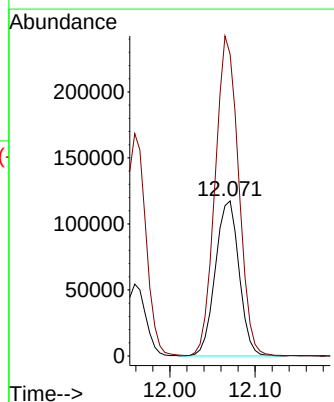
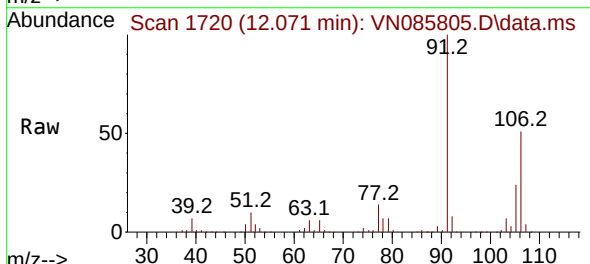
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

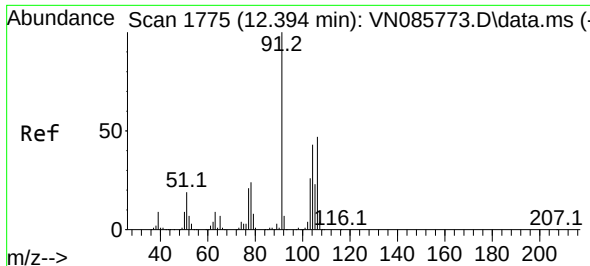
Tgt Ion: 91 Resp: 283038
Ion Ratio Lower Upper
91 100
106 32.3 24.7 37.1



#68
m/p-Xylenes
Concen: 40.595 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

Tgt Ion:106 Resp: 227573
Ion Ratio Lower Upper
106 100
91 204.4 163.3 244.9

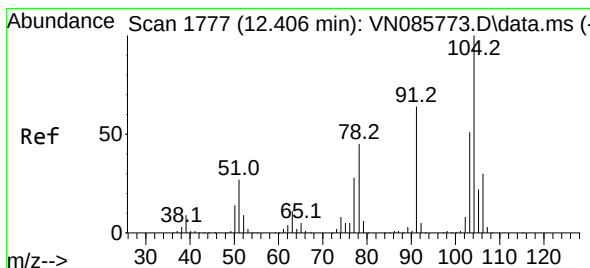
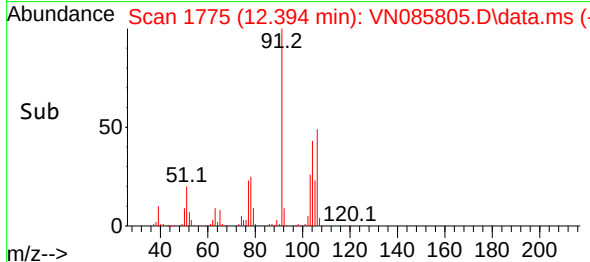
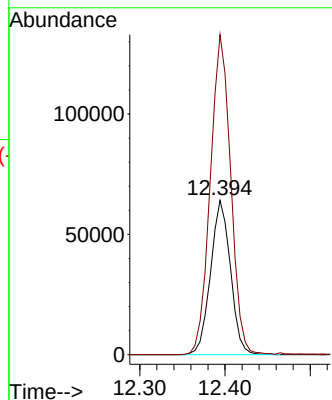
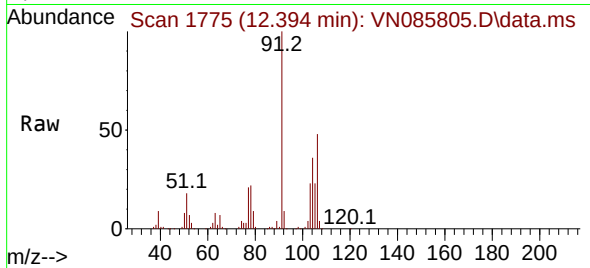




#69
o-Xylene
Concen: 19.518 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

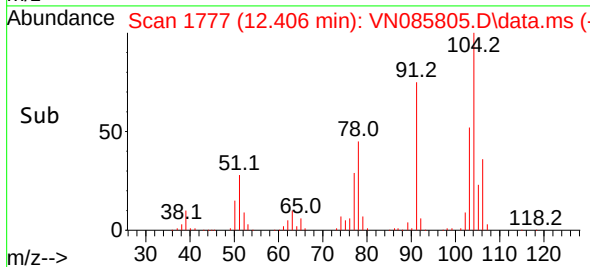
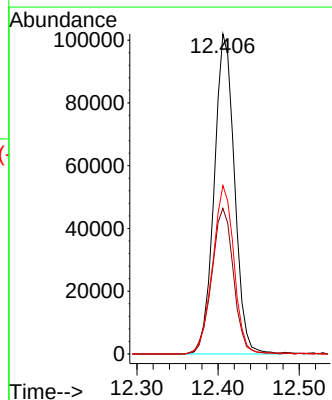
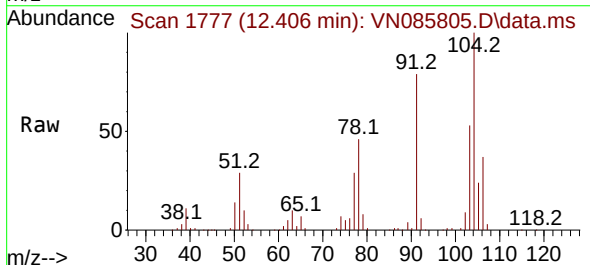
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

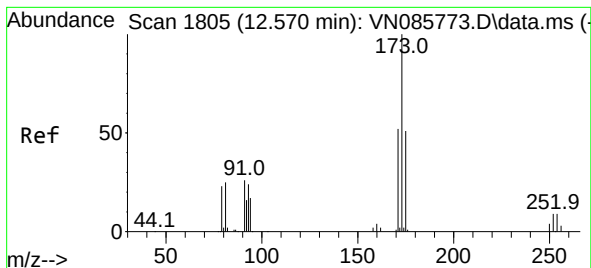
Tgt Ion:106 Resp: 103973
Ion Ratio Lower Upper
106 100
91 213.3 107.1 321.4



#70
Styrene
Concen: 19.345 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

Tgt Ion:104 Resp: 177240
Ion Ratio Lower Upper
104 100
78 48.9 39.0 58.6
103 55.3 43.3 64.9





#71

Bromoform

Concen: 20.376 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.006 min

Lab File: VN085805.D

Acq: 21 Feb 2025 16:06

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBS01

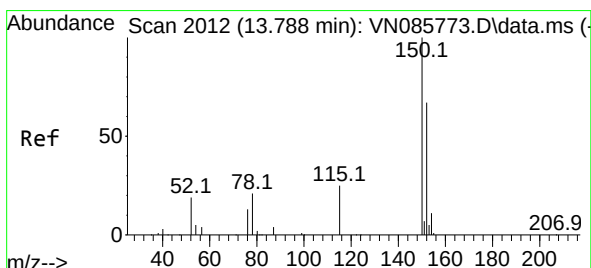
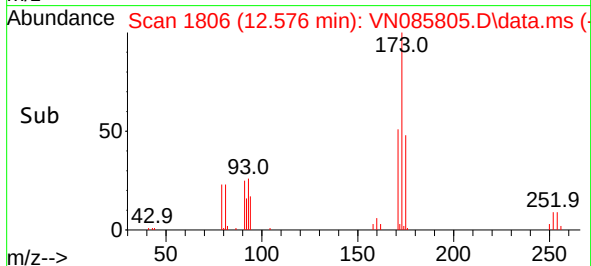
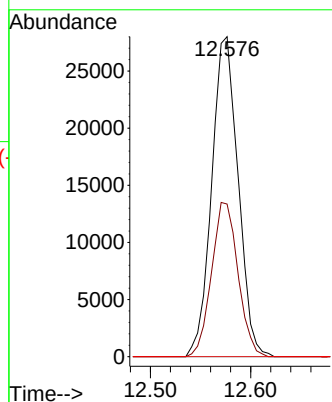
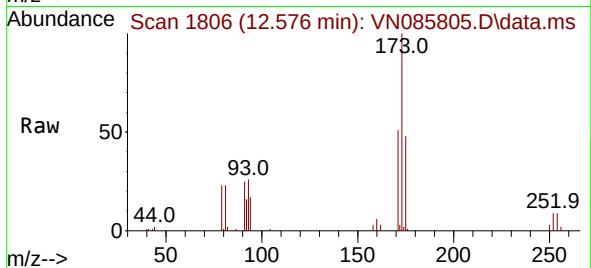
Tgt Ion:173 Resp: 51271

Ion Ratio Lower Upper

173 100

175 48.2 25.1 75.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN085805.D

Acq: 21 Feb 2025 16:06

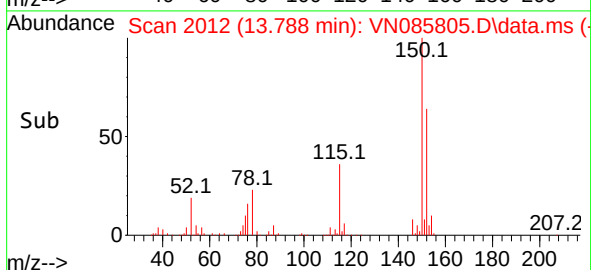
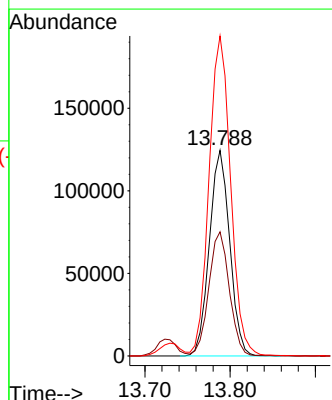
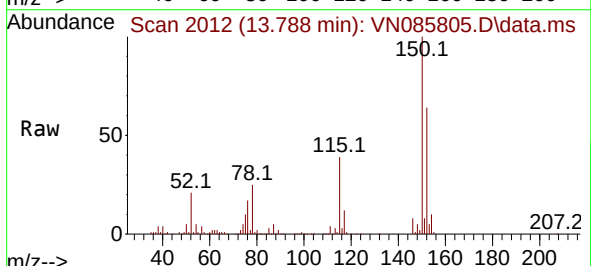
Tgt Ion:152 Resp: 206616

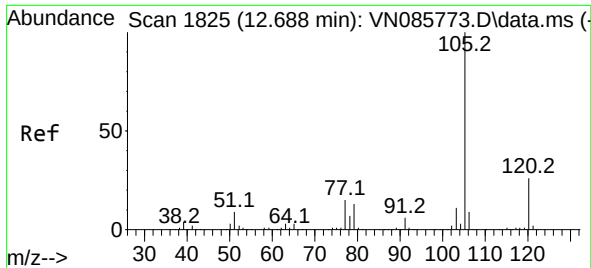
Ion Ratio Lower Upper

152 100

115 60.4 30.4 91.3

150 164.7 0.0 345.4

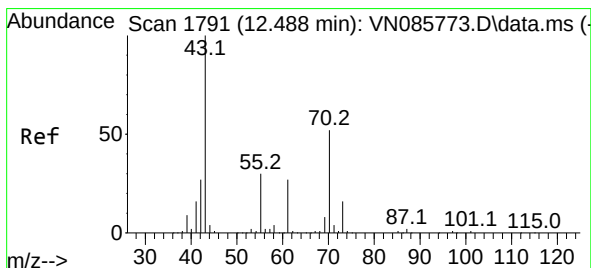
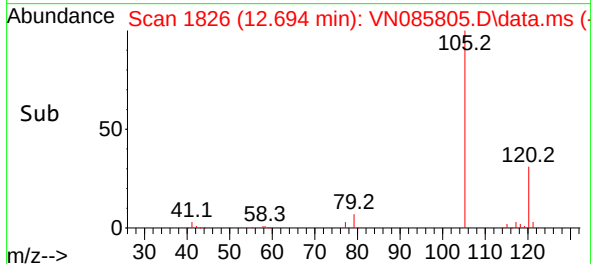
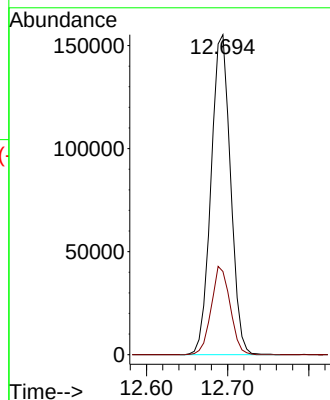
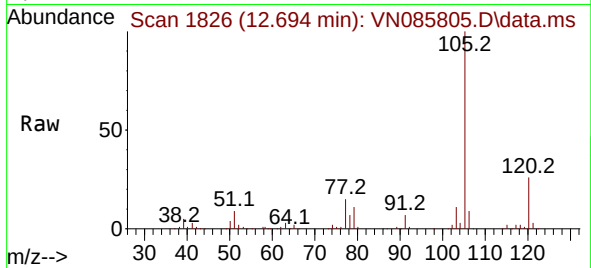




#73
Isopropylbenzene
Concen: 18.273 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

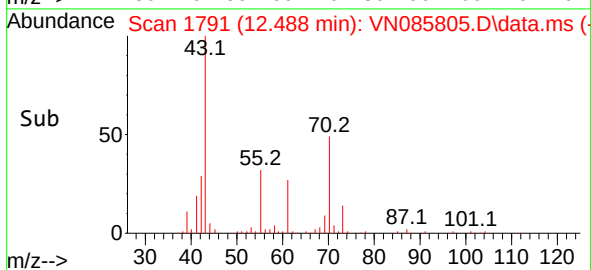
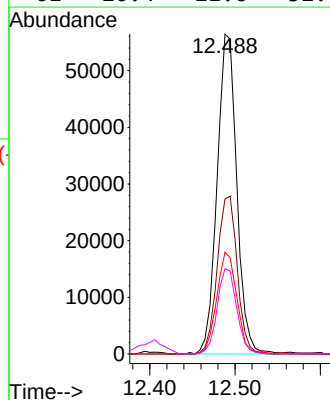
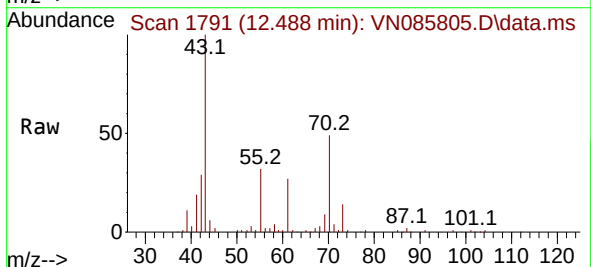
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

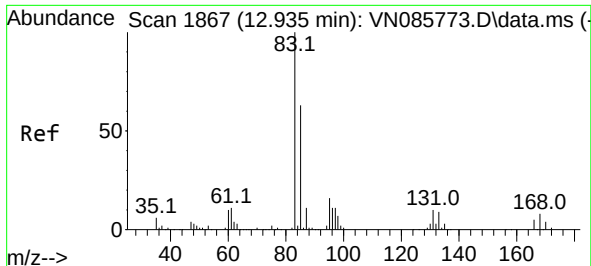
Tgt Ion:105 Resp: 258663
Ion Ratio Lower Upper
105 100
120 26.7 13.0 39.0



#74
N-ethyl acetate
Concen: 18.158 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

Tgt Ion: 43 Resp: 90640
Ion Ratio Lower Upper
43 100
70 50.1 41.0 61.4
55 32.6 24.6 36.8
61 26.4 21.6 32.4

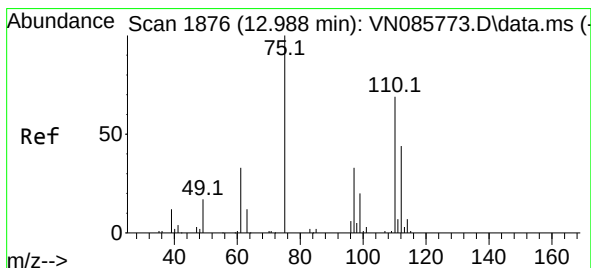
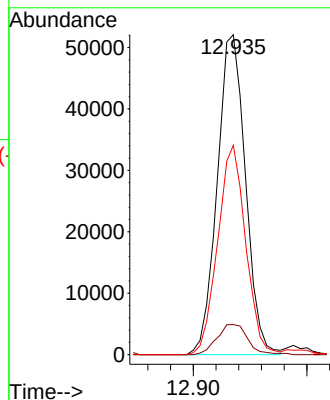
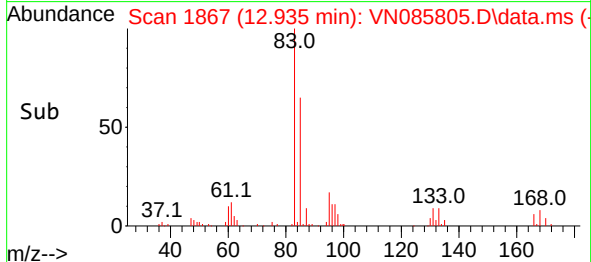
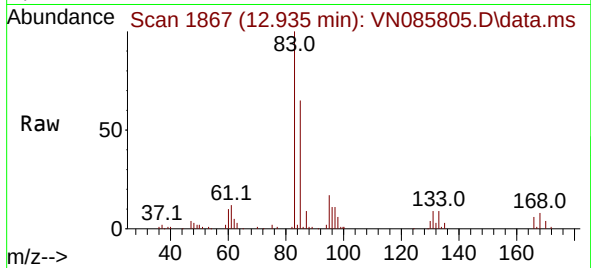




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.484 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN085805.D
 Acq: 21 Feb 2025 16:06

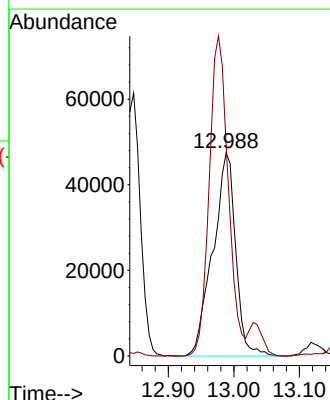
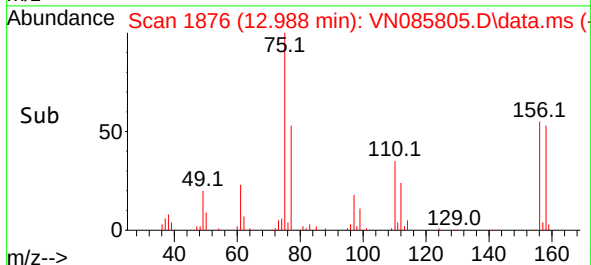
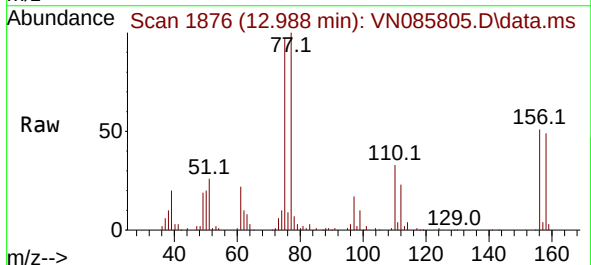
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBS01

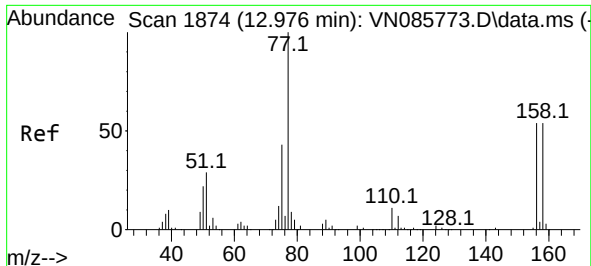
Tgt Ion: 83 Resp: 90037
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.0 15.0
 85 64.7 32.2 96.6



#76
 1,2,3-Trichloropropane
 Concen: 24.908 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VN085805.D
 Acq: 21 Feb 2025 16:06

Tgt Ion: 75 Resp: 114318
 Ion Ratio Lower Upper
 75 100
 77 132.1 100.0 300.0

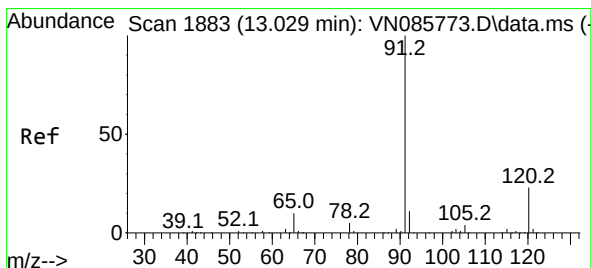
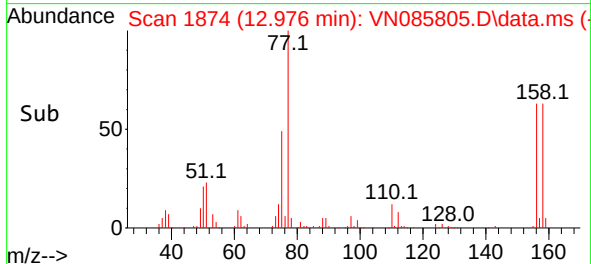
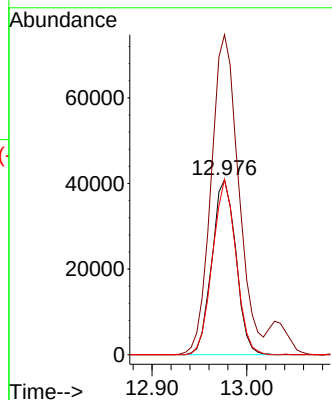
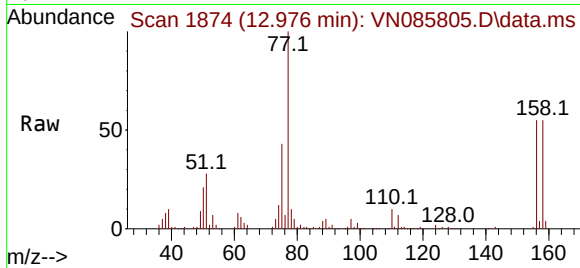




#77
Bromobenzene
Concen: 18.719 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

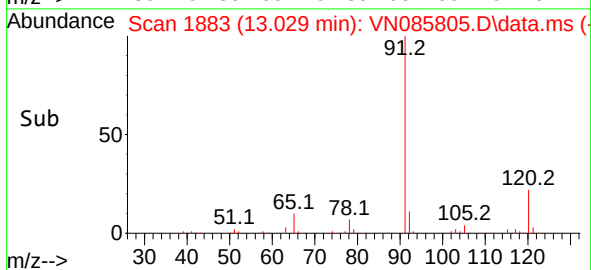
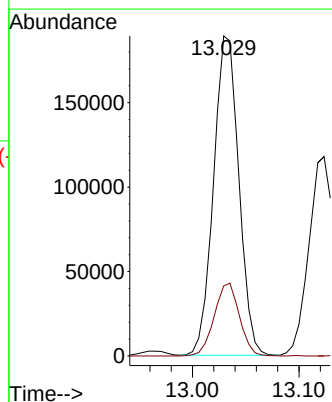
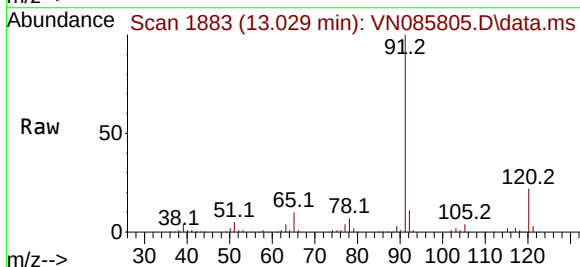
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

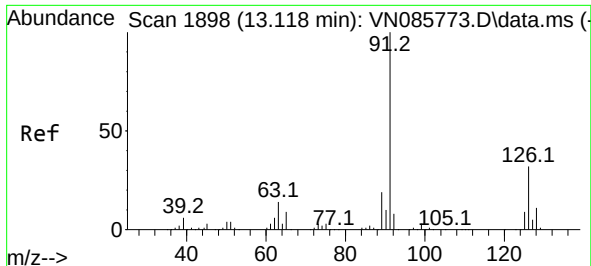
Tgt Ion:156 Resp: 71587
Ion Ratio Lower Upper
156 100
77 210.9 104.1 312.3
158 98.3 48.1 144.4



#78
n-propylbenzene
Concen: 19.219 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

Tgt Ion: 91 Resp: 311564
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.8





#79

2-Chlorotoluene

Concen: 18.690 ug/l

RT: 13.123 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VN085805.D

Acq: 21 Feb 2025 16:06

Instrument :

MSVOA_N

ClientSampleId :

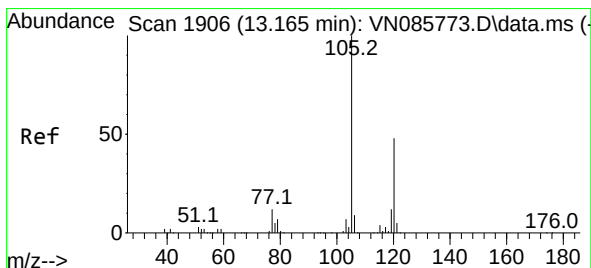
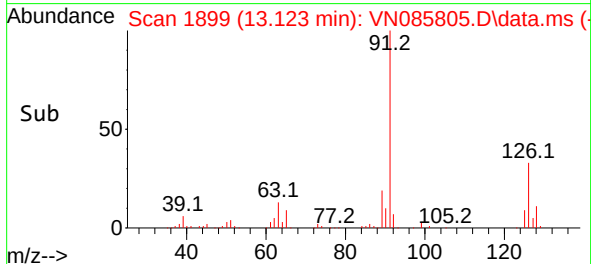
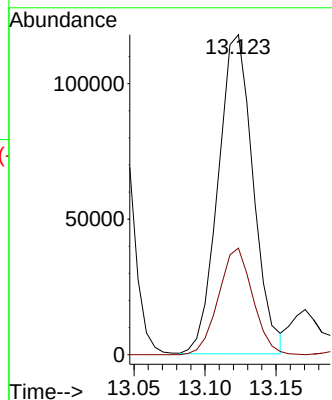
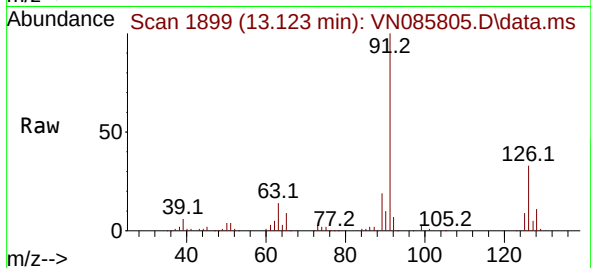
VN0221WBS01

Tgt Ion: 91 Resp: 202439

Ion Ratio Lower Upper

91 100

126 32.5 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 19.784 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VN085805.D

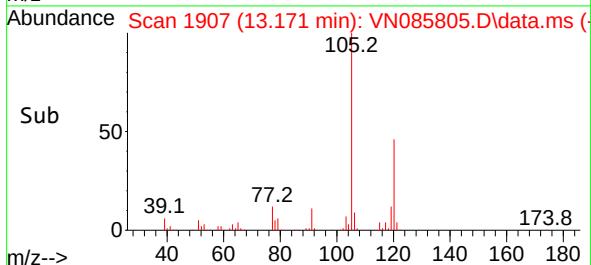
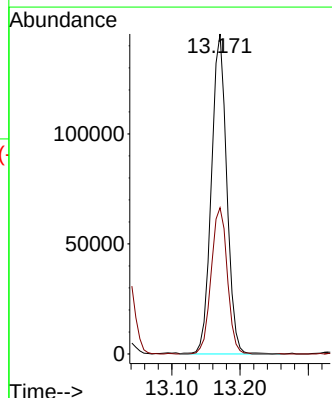
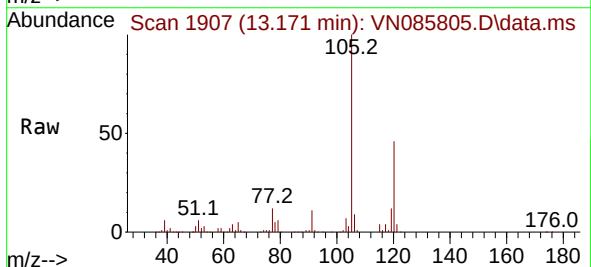
Acq: 21 Feb 2025 16:06

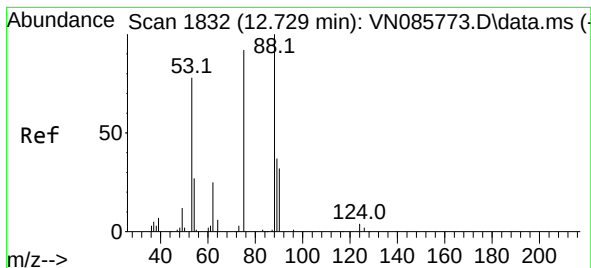
Tgt Ion:105 Resp: 228125

Ion Ratio Lower Upper

105 100

120 47.8 24.3 72.9

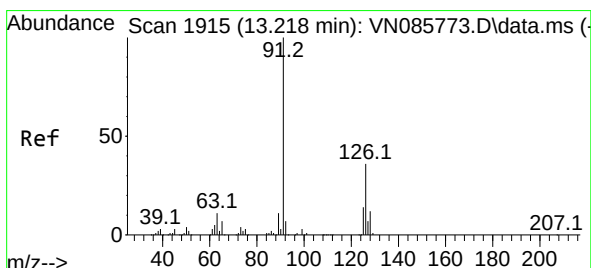
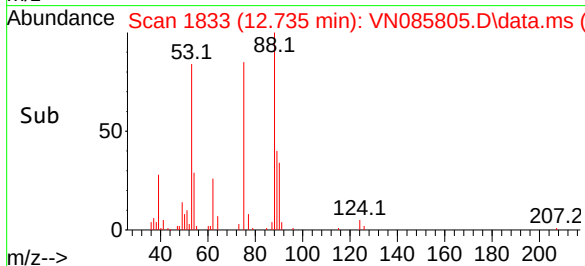
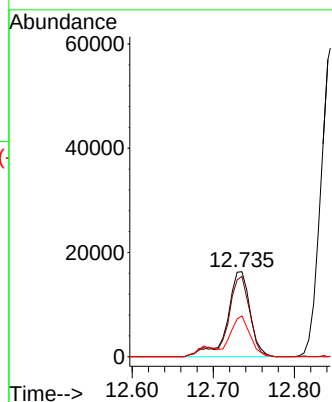
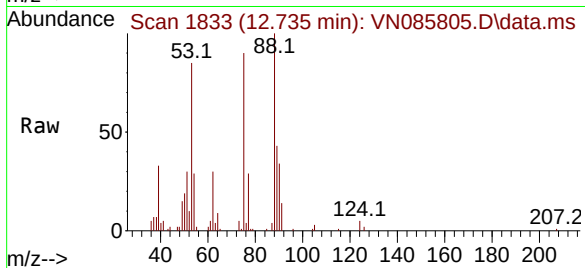




#81
trans-1,4-Dichloro-2-butene
Concen: 20.071 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

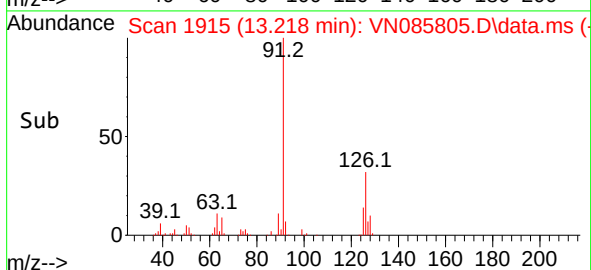
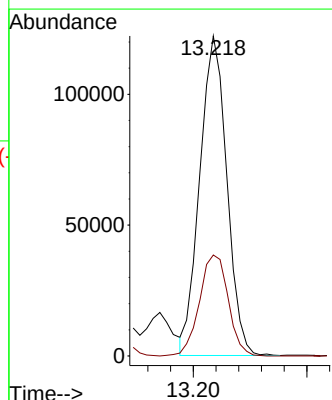
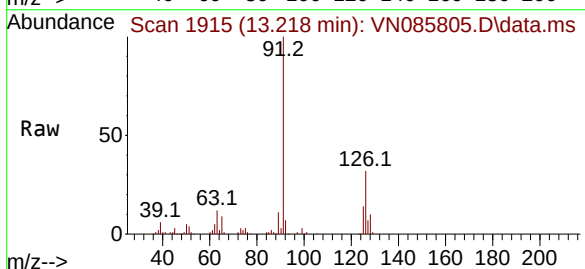
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

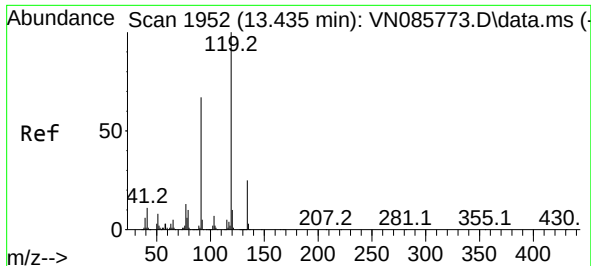
Tgt Ion: 75 Resp: 31571
Ion Ratio Lower Upper
75 100
53 92.3 74.2 111.4
89 41.4 34.9 52.3



#82
4-Chlorotoluene
Concen: 18.832 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

Tgt Ion: 91 Resp: 202212
Ion Ratio Lower Upper
91 100
126 33.6 16.4 49.4

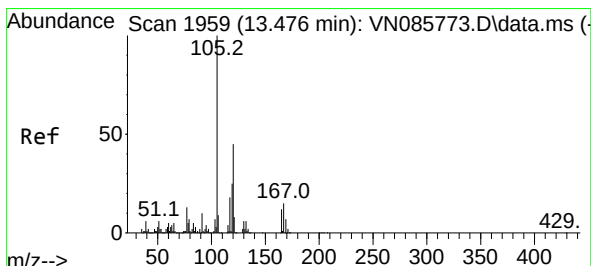
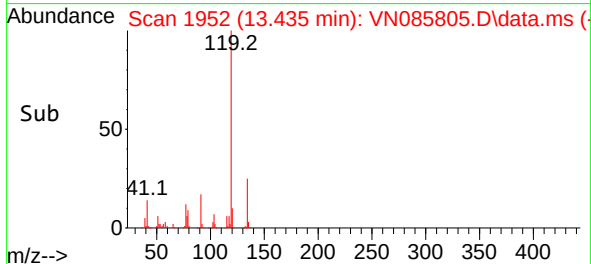
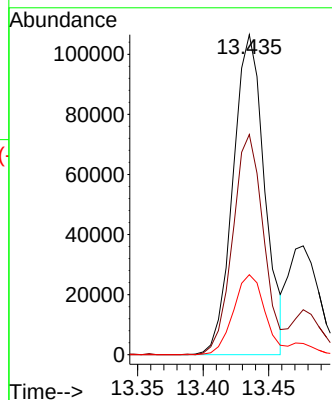
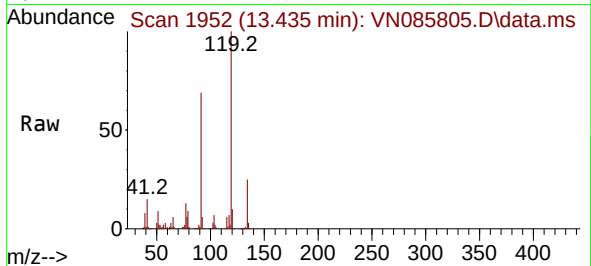




#83
 tert-Butylbenzene
 Concen: 18.399 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085805.D
 Acq: 21 Feb 2025 16:06

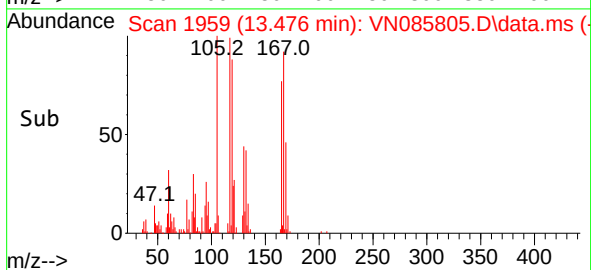
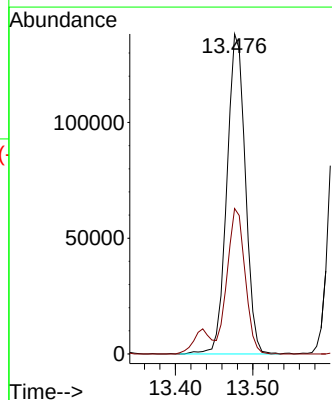
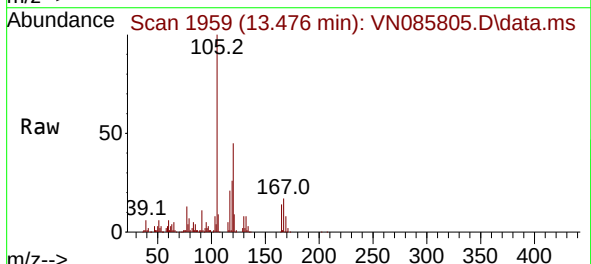
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBS01

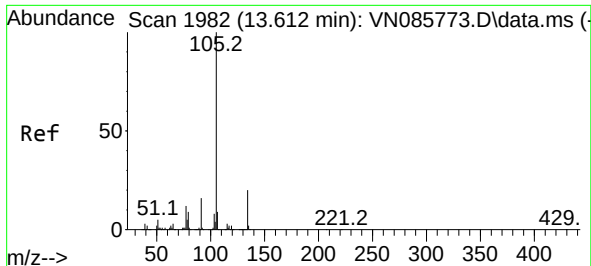
Tgt Ion:119 Resp: 178407
 Ion Ratio Lower Upper
 119 100
 91 68.6 32.5 97.5
 134 25.2 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.036 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VN085805.D
 Acq: 21 Feb 2025 16:06

Tgt Ion:105 Resp: 228570
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.4 67.3

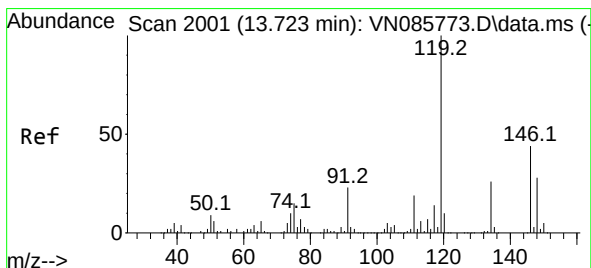
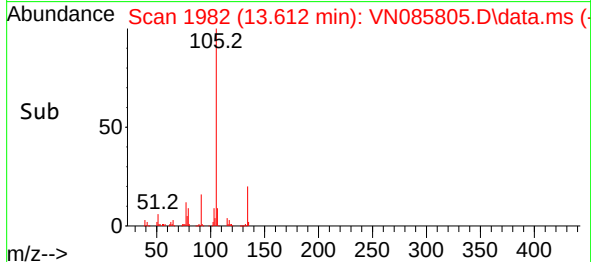
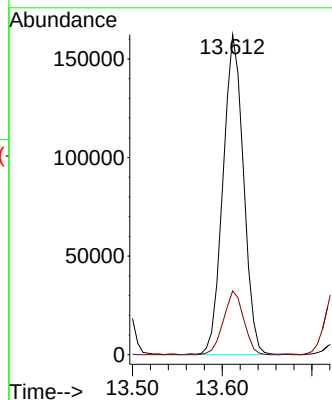
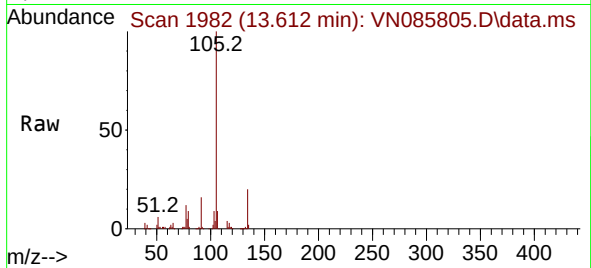




#85
 sec-Butylbenzene
 Concen: 18.812 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085805.D
 Acq: 21 Feb 2025 16:06

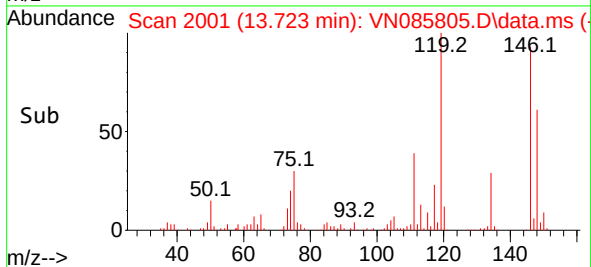
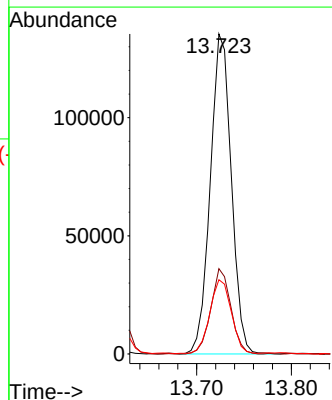
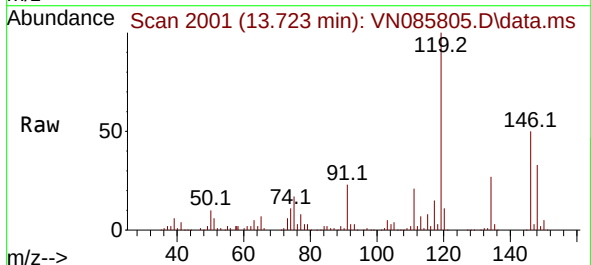
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBS01

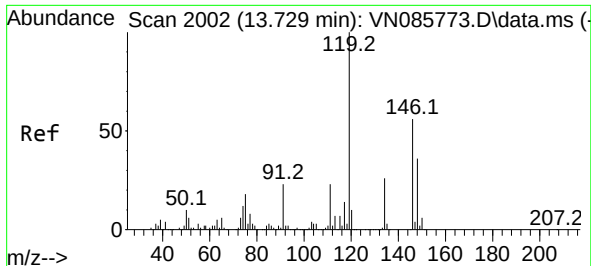
Tgt Ion:105 Resp: 257729
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 17.948 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085805.D
 Acq: 21 Feb 2025 16:06

Tgt Ion:119 Resp: 209014
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.0 39.0
 91 23.5 11.7 35.1

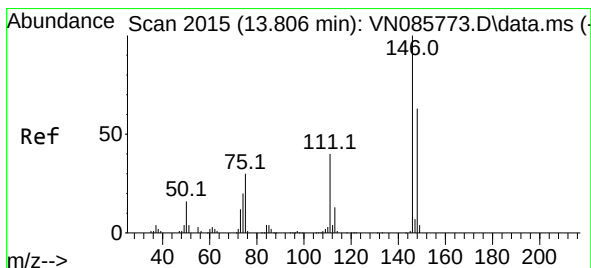
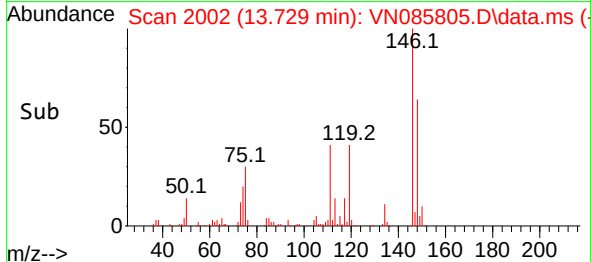
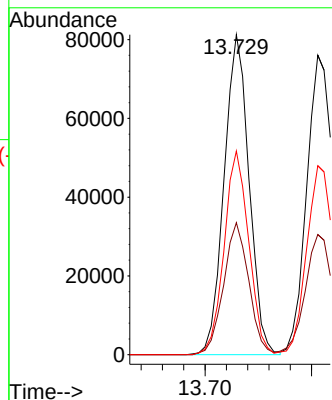
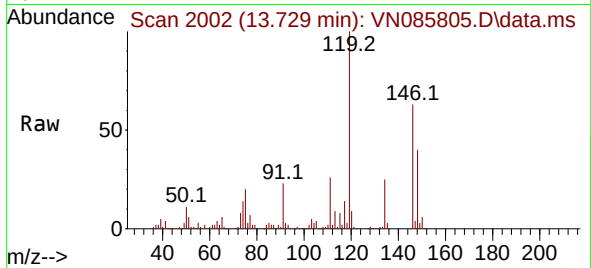




#87
1,3-Dichlorobenzene
Concen: 18.461 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

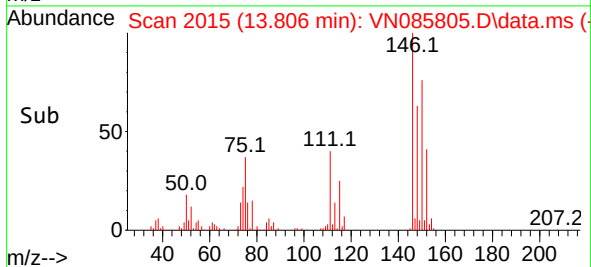
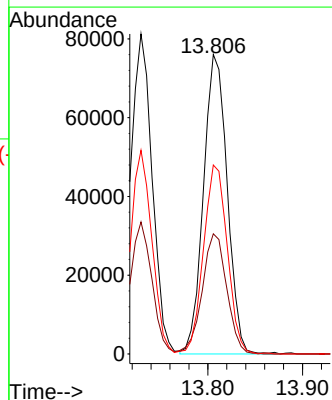
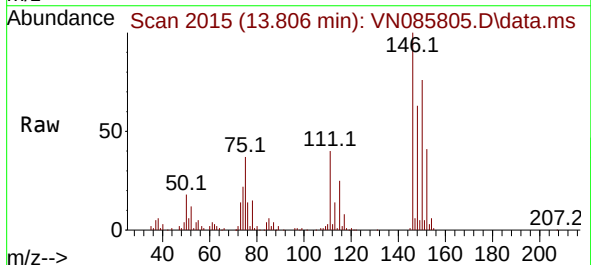
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

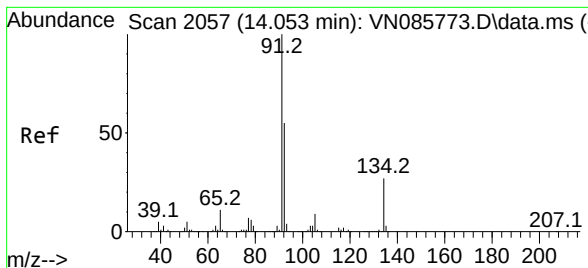
Tgt Ion:146 Resp: 132273
Ion Ratio Lower Upper
146 100
111 41.5 21.1 63.3
148 62.7 32.1 96.5



#88
1,4-Dichlorobenzene
Concen: 18.073 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. 0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

Tgt Ion:146 Resp: 132723
Ion Ratio Lower Upper
146 100
111 41.6 20.4 61.3
148 63.5 31.8 95.4





#89

n-Butylbenzene

Concen: 16.902 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN085805.D

Acq: 21 Feb 2025 16:06

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBS01

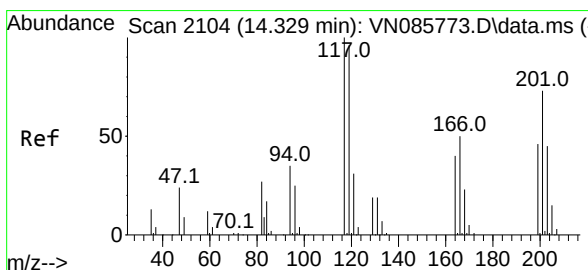
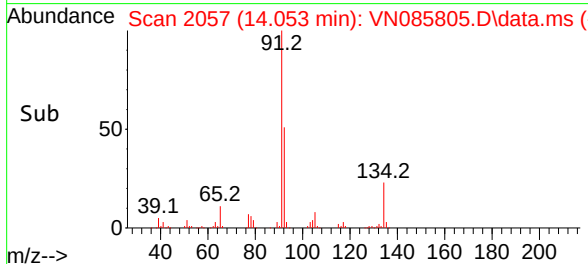
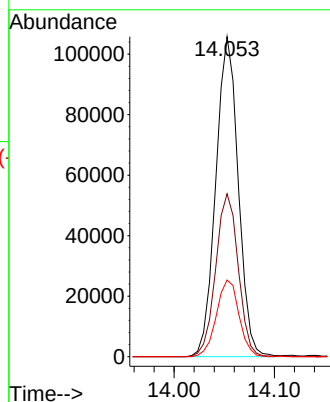
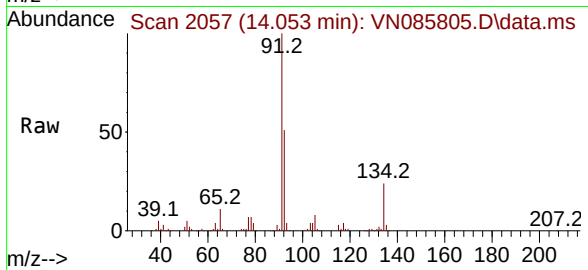
Tgt Ion: 91 Resp: 164404

Ion Ratio Lower Upper

91 100

92 51.1 27.1 81.3

134 24.0 12.7 38.1



#90

Hexachloroethane

Concen: 18.117 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN085805.D

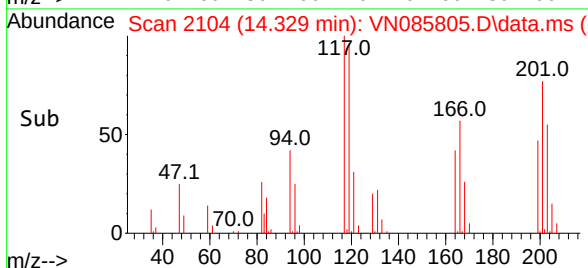
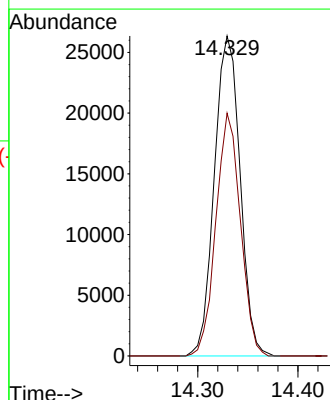
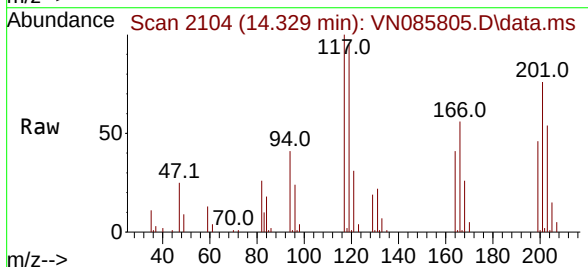
Acq: 21 Feb 2025 16:06

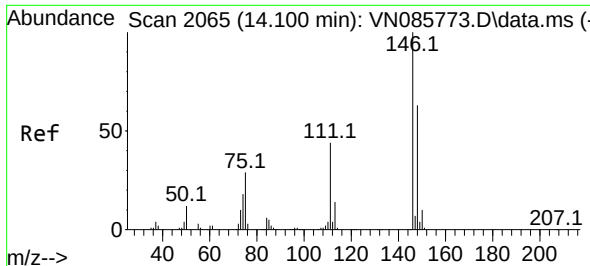
Tgt Ion: 117 Resp: 47005

Ion Ratio Lower Upper

117 100

201 72.2 35.6 106.9

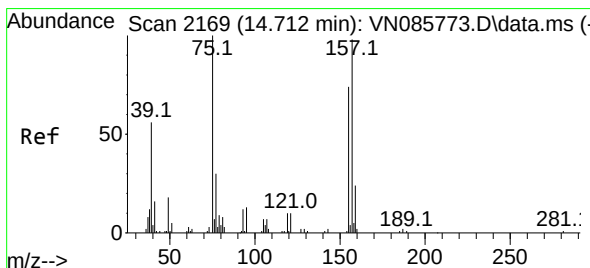
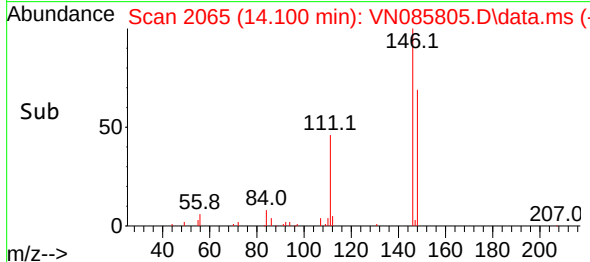
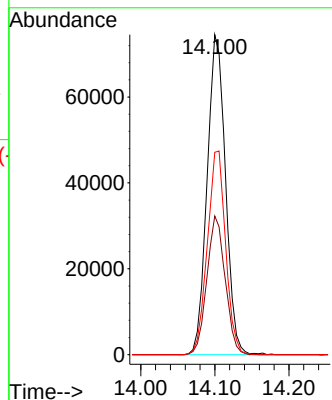
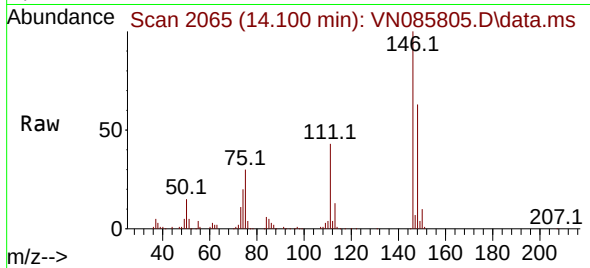




#91
1,2-Dichlorobenzene
Concen: 18.603 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

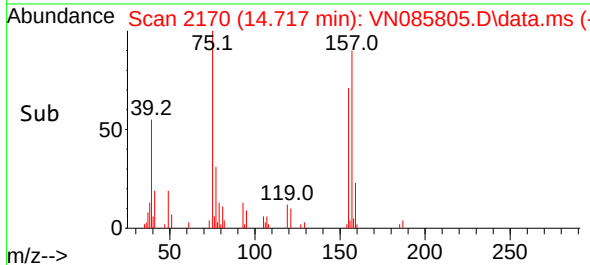
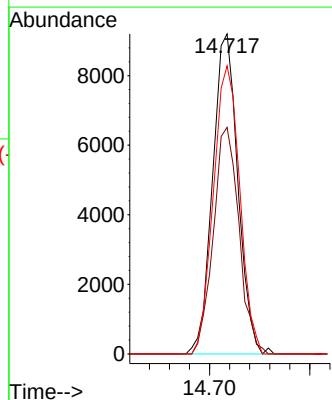
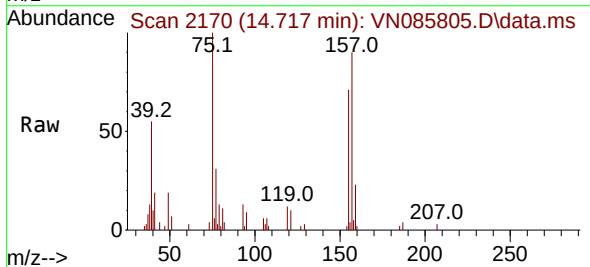
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

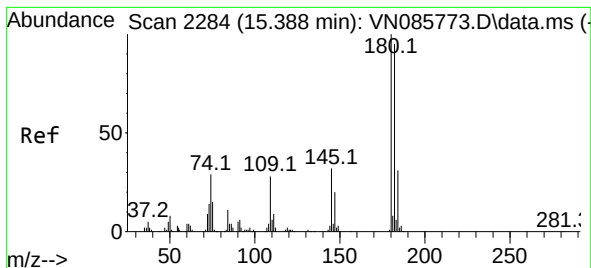
Tgt Ion:146 Resp: 128175
Ion Ratio Lower Upper
146 100
111 43.2 21.4 64.3
148 63.4 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.950 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

Tgt Ion: 75 Resp: 16055
Ion Ratio Lower Upper
75 100
155 72.0 39.9 119.6
157 94.2 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 16.061 ug/l

RT: 15.388 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN085805.D

Acq: 21 Feb 2025 16:06

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBS01

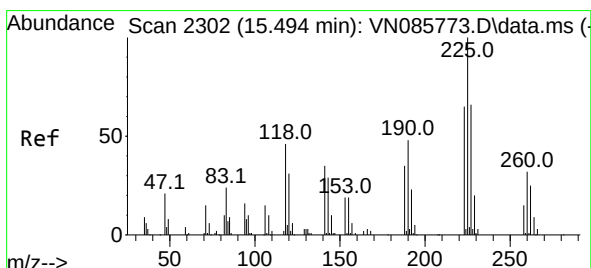
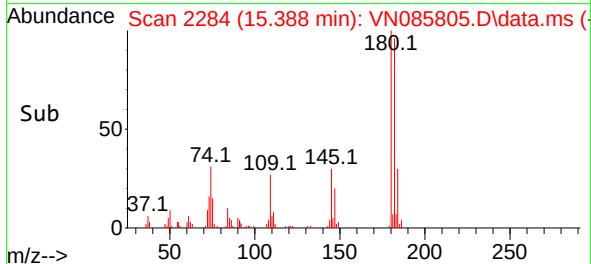
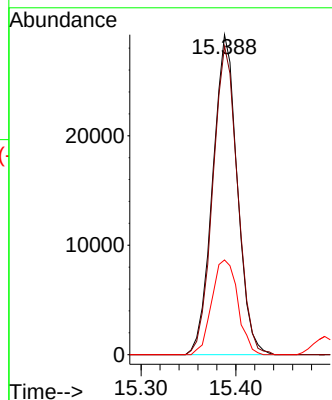
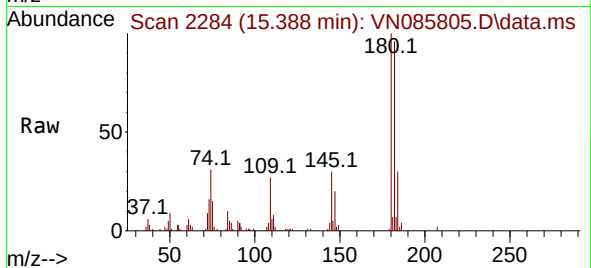
Tgt Ion:180 Resp: 52730

Ion Ratio Lower Upper

180 100

182 96.8 47.3 141.9

145 31.2 16.2 48.5



#94

Hexachlorobutadiene

Concen: 15.567 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. 0.000 min

Lab File: VN085805.D

Acq: 21 Feb 2025 16:06

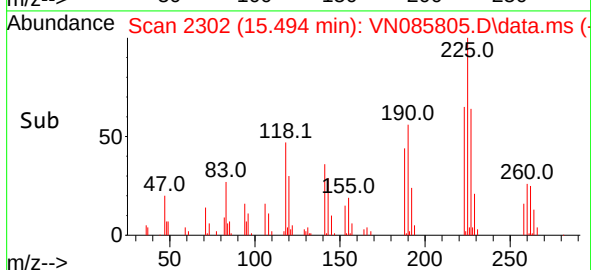
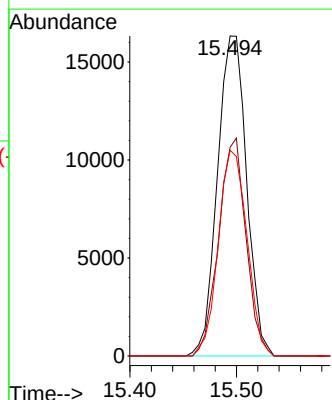
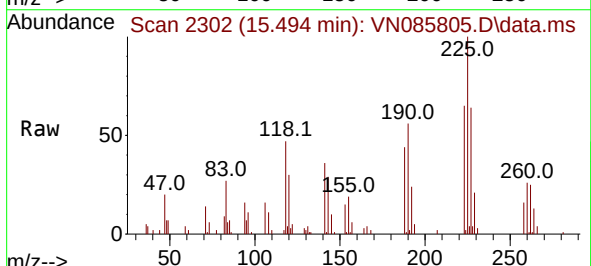
Tgt Ion:225 Resp: 31061

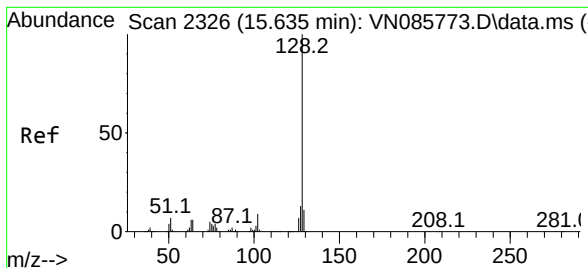
Ion Ratio Lower Upper

225 100

223 63.6 31.9 95.5

227 63.3 32.2 96.6

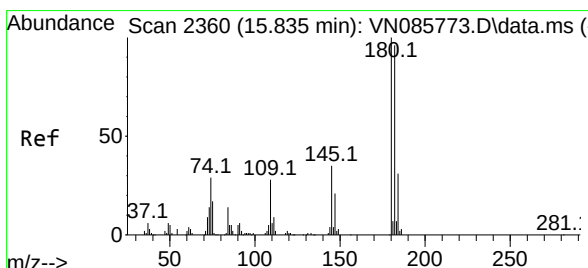
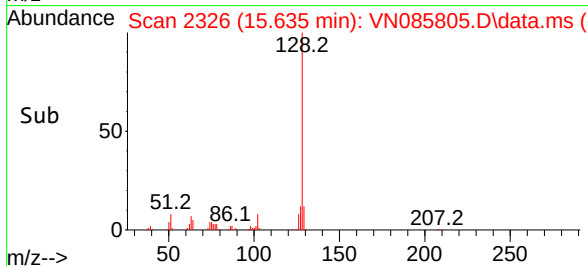
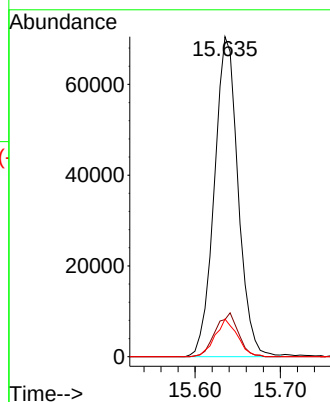
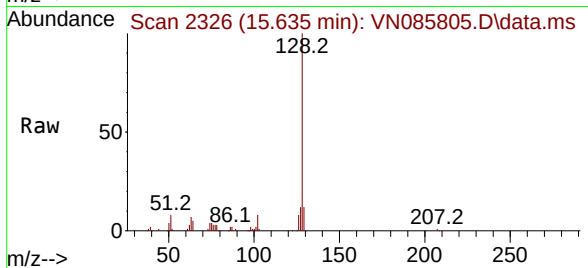




#95
Naphthalene
Concen: 15.157 ug/l
RT: 15.635 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

Tgt Ion:128 Resp: 136619
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 15.979 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085805.D
Acq: 21 Feb 2025 16:06

Tgt Ion:180 Resp: 52665
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.8
145 33.2 16.9 50.6

